WELLESLEY COLLEGE

· CALENDAR ·

1899-1900

LIBRARY
DEPARTMENT OF HYGIENE AND PHYSICAL EDUCATION
WELLESLEY COLLEGE
WELLESLEY, MASSACHUSETTS

MAY 22 1933

Correspondence.

Information in regard to entrance examinations and preparatory schools will be given by Miss ELLEN F. PENDLETON, Secretary of the College. Applications for calendars, blanks, documents concerning admission to College, and for all general information should also be addressed to Miss Pendleton.

As Secretary of the Teachers' Registry, Miss MARY CASWELL is prepared to furnish full and confidential information in regard to the qualifications, character, and experience of teachers educated at Wellesley. Former students of the College who wish situations as teachers have the aid of the Teachers' Registry.

Applications for pecuniary assistance (see p. 21) should be made by letter, addressed to the Secretary of the Students' Aid Society, Wellesley, Mass.

Inquiries about graduate study and the requirements for higher degrees may be made of the Secretary of the College.

CALENDAR

OF

WELLESLEY COLLEGE

1899-1900.

CAMBRIDGE:
THE CO-OPERATIVE PRESS, 114 AUSTIN ST.
1899.

Calendar.

The Academic Year consists of thirty-five weeks exclusive of vacations, and begins on the Wednesday following the 14th of September.

1899.

Academic year begins 8 A.M. . . . . Wednesday, September 20.
Examinations . . . . . September 20–23.

Recess from 12.30 P. M. Wednesday, November 29, until 12.30 P. M. Friday, December 1.

Recess from 5 P. M. Wednesday, December 20, 1899, until 8 A. M. Thursday, January 11, 1900.

1900.

Day of Prayer for Colleges . . . . . Thursday, January 25.
Second Semester begins . . . . . Monday, February 12.

Recess from 5 P. M. Wednesday, April 14, until 8 A. M. Tuesday, April 15.

COMMENCEMENT . . . . . Tuesday, June 26.
ALUMNÆ DAY . . . . . Wednesday, June 27.
Academic Year begins 8 A. M. . . . . Wednesday, September 19.
Examinations . . . . . September 18–21.

Recess from 12.30 P. M. Wednesday, November 28, until 12.30 P. M. Friday, November 30.

Recess from 5 P. M. Wednesday, December 19, 1900, until 8 A. M. Thursday, January 10, 1901.

1901.

Day of Prayer for Colleges . . . . . Thursday, January 31.
Second Semester begins . . . . . Monday, February 11.

Board of Trustees.

ALEXANDER McKENZIE, D.D. . . . . *Cambridge.*
PRESIDENT OF THE BOARD.

ALVAH HOVEY, D.D., LL.D. . . . . *Newton Centre.*
VICE PRESIDENT.

MRS. HENRY F. DURANT . . . . . *Wellesley.*
SECRETARY.

ALPHEUS H. HARDY, B.A. . . . . *Boston.*
TREASURER.

WILLIAM CLAFLIN, LL.D. . . . . *Boston.*
WILLIAM F. WARREN, S.T.D., LL.D. . . *President of Boston University.*
WILLIAM H. WILLCOX, D.D., LL.D. . . . . *Malden.*
DWIGHT L. MOODY . . . . . *Northfield.*
LILIAN HORSFORD . . . . . *Cambridge.*
ALICE FREEMAN PALMER., PH.D., L.H.D., LL.D. . . . *Cambridge.*
HORACE E. SCUDDER, B.A., LITT.D. . . . . *Cambridge.*
EDWIN HALE ABBOT, M.A. . . . . *Cambridge.*
WILLIAM LAWRENCE, D.D. . . . . *Bishop of Massachusetts.*
LOUISE McCOY NORTH, M.A. . . . . *New York, N. Y.*
ADALINE EMERSON THOMPSON, B.A. . . . . *Rockford, Ill.*
SARAH E. WHITIN . . . . . *Whitinsville.*
HENRY E. COBB, M.A. . . . . *Newton.*
ANDREW FISKE, PH.D. . . . . *Boston.*
WILLIAM H. LINCOLN . . . . . *Brookline.*
WINIFRED EDGERTON MERRILL, PH.D. . . . . *Albany, N. Y.*
ROWLAND G. HAZARD, M.A. . . . . *Peace Dale, R. I.*
CAROLINE HAZARD, M.A., LITT.D. (*ex officio*) . . . . . *Wellesley.*

Executive Committee.

WILLIAM H. WILLCOX, D.D., LL.D., *Chairman.*
WILLIAM CLAFLIN, LL.D.
MRS. HENRY F. DURANT, *Secretary.*
EDWIN HALE ABBOT, M.A.
ALICE FREEMAN PALMER, PH.D., L.H.D., LL.D.
HORACE E. SCUDDER, B.A., LITT.D.
HENRY E. COBB, M.A.
ALPHEUS H. HARDY, B.A. (*ex officio*).
CAROLINE HAZARD, M.A., LITT.D. (*ex officio*).

Finance Committee.

WILLIAM H. LINCOLN.
HENRY E. COBB, M.A.
WILLIAM F. WARREN, S.T.D., LL.D.
ANDREW FISKE, PH.D.
ALPHEUS H. HARDY, B.A. (*ex officio*).

Officers of Instruction and Government.*

CAROLINE HAZARD, M.A., LITT.D.,
PRESIDENT.

KATHARINE COMAN, PH.B.,
DEAN,
Professor of History and Political Economy.

SUSAN MARIA HALLOWELL, M.A.,
Professor of Botany.

SARAH FRANCES WHITING,
Professor of Physics and Physical Astronomy.

‡ ANNE EUGENIA MORGAN, M.A.,
Professor of Philosophy.

MARY ALICE WILLCOX, PH.D.,
Professor of Zoology.

† MARGARET ELIZABETH STRATTON, M.A.,
Professor of English Language and Rhetoric.

CARLA WENCKEBACH,
Professor of German Language and Literature.

ANGIE CLARA CHAPIN, M.A.,
Professor of Greek Language and Literature.

ELLEN HAYES, B.A.,
Professor of Applied Mathematics.

WILLIAM HARMON NILES, S.B., PH.B., M.A.,
Professor of Geology.

KATHARINE LEE BATES, M.A.,
Professor of English Literature.

* Arranged according to rank in the order of appointment.
† Abroad for the Sabbatical year.
‡ Absent on leave.

† CHARLOTTE FITCH ROBERTS, PH.D.,
Professor of Chemistry.

ALICE VAN VECHTEN BROWN,
Professor of Art.

MARY WHITON CALKINS, M.A.,
Professor of Psychology and Philosophy.

MARY EMMA WOOLLEY, M.A.,
Professor of Biblical History.

ELLEN LOUISE BURRELL, B.A.,
Acting Professor of Pure Mathematics.

CLARA EATON CUMMINGS,
Associate Professor of Cryptogamic Botany.

EVA CHANDLER, B.A.,
Associate Professor of Mathematics.

MARY SOPHIA CASE, B.A.,
Associate Professor of Psychology and History of Philosophy.

VIDA DUTTON SCUDDER, M.A.,
Associate Professor of English Literature.

ELIZABETH KIMBALL KENDALL, LL.B.,
Associate Professor of History.

ANNIE SYBIL MONTAGUE, M.A.,
Associate Professor of Greek.

KATHARINE MAY EDWARDS, PH.D.,
Associate Professor of Greek.

SOPHIE CHANTAL HART, M.A.,
Associate Professor of Rhetoric.

GRACE EMILY COOLEY, PH.D.,
Associate Professor of Botany.

ADELINE BELLE HAWES, M.A.,
Associate Professor of Latin.

MARGARETHE MÜLLER,
Associate Professor of German.

† Abroad for the Sabbatical year.

SOPHIE JEWETT,
Associate Professor of English Literature.

CHARLOTTE ALMIRA BRAGG, B.S.,
Associate Professor of Chemistry.

ELLOR ELIZA CARLISLE,
Associate Professor of Pedagogy.

ELLEN FITZ PENDLETON, M.A.,
Secretary of the College,
Instructor in Mathematics.

MARGARET HASTINGS JACKSON,
Instructor in Italian and French.

LOUISE CLARA MARIA HABERMEYER,
Instructor in German.

ELIZABETH FLORETTE FISHER, B.S.,
Instructor in Geology and Mineralogy.

MARION ELIZABETH HUBBARD, B.S.,
Instructor in Zoology.

MARGARETHA ELWINA MITZLAFF,
Instructor in German.

HÉLÈNE ALEXANDRINE SCHAEYS,
Instructor in French.

EDWARD STAPLES DROWN, B.A., B.D.,
Instructor in New Testament.

ADELAIDE IMOGEN LOCKE, B.A., B.S.T.,
Instructor in Biblical History.

ALICE VINTON WAITE, M.A.,
Instructor in English.

MALVINA BENNETT, B.S.,
Instructor in Elocution.

ALICE WALTON, Ph.D.,
Instructor in Latin and Ancient Art.

MARY BOWEN, Ph.D.,
Instructor in English Literature.

HELEN ABBOT MERRILL, B.A.,
Instructor in Mathematics.

ALICE HANSON LUCE, PH.D.,
Instructor in English Literature.

EMILY GREENE BALCH, B.A.,
Instructor in Economics.

HELEN MARIAN KELSEY, B.A.,
Instructor in English.

BERTHA DENIS, B.A.,
Instructor in Mathematics.

MARIE LECLERCQ,
Instructor in French.

CORA LOUISA SCOFIELD, PH.D.,
Instructor in History.

CAROLINE REBECCA FLETCHER, M.A.,
Instructor in Latin.

MARTHA GAUSE McCAULLEY, M.A.,
Instructor in English.

MARIE VOLKAERTS,
Instructor in French.

ELEANOR ACHESON McCULLOCH GAMBLE, PH.D.,
Instructor in Psychology.

HENRY CUTTER HOLT,
Instructor in History of Architecture.

LYDIA ELIZABETH SANDERSON, B.A.,
Instructor in Biblical History.

ALICIA MULLIKEN KEYES,
Instructor in Art.

GRACE EVANGELINE DAVIS, B.A.,
Instructor in Physics.

GRACE LANGFORD,
Instructor in Physics.

BERTHA LENNIE BALLANTYNE, S.B.,
Instructor in Zoology.

LOUISE TOWNSEND PENNY, B.A.,
Instructor in Chemistry.

RUSH RHEES, M.A.,
Instructor in Biblical History,

LAURA EMMA LOCKWOOD, PH.D.,
Instructor in English.

ELISABETH WILHELMINE FETTE,
Instructor in German.

JULIA SWIFT ORVIS, B.A.,
Instructor in History.

OLIVE RUMSEY M.A.,
Instructor in English.

FLORENCE JACKSON, B.S.,
Instructor in Chemistry.

EDMUND VON MACH, M.A.,
Instructor in Greek Art.

EMMA RENSCH,
Instructor in French.

MARY ALICE BOWERS, M.A.,
Instructor in Zoology.

MARY MARION FULLER,
Assistant in Chemical Laboratories.

ALBERT PITTS MORSE,
Curator of Zoological Museum and Assistant in Zoological Laboratories.

HARRIET ANN WALKER,
Assistant in Botanical Laboratories.

HENRIETTA GARDINER, B.A.,
Assistant in English.

KATHERINE BATES, PH.B., M.D.,
Assistant in English.

ELIZABETH BAILEY HARDEE, B.S.,
Assistant in Mathematics.

EMILY JOSEPHINE HURD,
Instructor in Piano.

WILLIA THOMAS STOVALL,
Organist; Instructor in Musical Theory.

MARY ADALINE STOWELL,
Instructor in Piano.

CAV. AUGUSTO ROTOLI,
Director of Choral Music.

EMMA SOPHIA HOSFORD,
Instructor in Vocal Music.

JENNIE PRESTON DANIELL,
Instructor in Violin.

CHARLES HERBERT WOODBURY,
Instructor in Drawing.

ALPHONSE MARIN LA MESLÉE, M.A.,
Lecturer on French Literature.

JOSIAH ROYCE, PH.D.,
Lecturer on Philosophy.

JOHN FISKE, LITT.D., LL.D.,
Lecturer on History.

HARRIET HAWES,
Librarian Emeritus.

LYDIA BOKER GODFREY, PH.B.,
Librarian; Instructor in Bibliography.

CARRIE FRANCES PIERCE, B.A.,
Assistant Reference Librarian.

ETHELDRED ABBOT, B.A.,
Assistant in Charge of Art Library and Collections.

EMILIE JONES BARKER, M.D.,
Resident Physician and Superintendent of the Eliot.

EVELYN BARRETT SHERRARD, B.A.,
Resident Health Officer and Lecturer on Physiology and Hygiene.

LUCILE EATON HILL,
Director of Physical Training.

HARRIET NOYES RANDALL,
Assistant in Gymnasium.

MARY CASWELL,
Secretary to the President.

CAROLINE BROCKWAY BUTLER.
Registrar.

GEORGE GOULD,
Cashier.

BERTHA LYDIA CASWELL,
Assistant Cashier; Purchasing Agent.

CHARLOTTE SCOTT WHITON,
Purveyor.

LUCIA FIDELIA CLARKE,
Superintendent of Simpson Cottage.

ANNA STEDMAN NEWMAN,
Superintendent of Norumbega Cottage.

LOUISE ANNE DENNISON,
Superintendent of Freeman Cottage.

ELIZABETH WHITING,
Superintendent of Fiske Cottage.

ANNIE MANDELL,
Superintendent of Waban Cottage.

MARY ELIZABETH COOK,
Superintendent of Wood Cottage.

EMERSON OREN PERKINS,
Superintendent of Buildings and Grounds.

Standing Committees.

BOARD OF EXAMINERS.— Professors Chapin *(Chairman)*, Bates, Wenckebach, Whiting. Coman, Willcox; Acting Professor Burrell; Associate Professors Hawes, Bragg, Hart; Miss Schaeys; *ex officio*, the President.

COMMITTEE ON GRADUATE INSTRUCTION.— Professors Willcox *(Chairman)*, Wenckebach, Calkins, Chapin; Acting Professor Burrell.

LIBRARY COMMITTEE. — Professors Coman *(Chairman)*, Bates, Hallowell, Wenckebach; Associate Professor Chandler; *ex officio*, the President, Librarian Emeritus, and Librarian.

COMMITTEE ON EXPENDITURE OF SCIENTIFIC FUND.— Professors Whiting *(Chairman)*, Hallowell, Roberts, Willcox.

CALENDAR COMMITTEE.— Associate Professors Cummings, *(Chairman)*, Hawes, Hart; Miss Pendleton; *ex officio*, the President.

COMMITTEE ON CONSTITUTIONS.— Associate Professors Jewett *(Chairman)*, Müller; Professor Woolley.

CHAPEL COMMITTEE. — President Hazard *(Chairman)*: Professor Woolley; Acting Professor Burrell; Dr. Bowen, Miss Merrill.

Wellesley College,

WELLESLEY, MASSACHUSETTS.

WELLESLEY COLLEGE was established in 1875 for the purpose of furnishing to young women who desire to obtain a liberal education such advantages and facilities as are enjoyed in institutions of the highest grade.

The College is undenominational, but distinctively and positively Christian in its influence, discipline, and instruction. The systematic study of the Bible is required. Daily service is held in the chapel. The Sunday services are conducted by ministers of different denominations. The Wellesley College Christian Association is organized to promote the religious life of the College, to arouse an intelligent interest in social reforms, and to increase the interest in home and foreign missions.

By the charter, granted by the Commonwealth of Massachusetts, "the corporation of Wellesley College is authorized to grant such honorary testimonials, and confer such honors, degrees and diplomas, as are granted or conferred by any University, College, or Seminary of learning in this Commonwealth; and the diplomas so granted shall entitle the possessors to the immunities and privileges allowed, by usage or statute, to the possessors of like diplomas from any University, College, or Seminary of learning in this Commonwealth."

Libraries.

THE LIBRARY of the College, endowed by Eben Norton Horsford, now numbers 49,000 carefully selected volumes, including collections enumerated below. The General Library is open on week-days from 7 A.M. to 9.20 P.M., and on Sundays from 9 to 11 A.M. and from 2 to 6, P.M. Students have free access to the shelves. The library is fully catalogued by author and subject entries, and the most recent and useful bibliographical aids are provided; special effort is made by the librarians to train students in thorough methods of research. A practical course of instruction in Bibliography is given each year in connection with college courses of Literature, Art, Philosophy, History, and Economics.

One hundred and seventy-five American, English, French, and German periodicals are taken for the General Library. The list includes the most important representatives of the branches of instruction covered by the college curriculum. About thirty-seven daily, weekly, and monthly journals are taken for the reading room.

The Gertrude Memorial Library, established by Mr. A. A. Sweet, the Missionary Library, and other collections in the General Library, furnish 4,210 volumes for Biblical study and religious reading.

The Library of American Linguistics, a special gift from Prof. E. N. Horsford, now numbers 1,420 works, including the valuable collection made by Major J. W. Powell.

The following collections are located in the laboratories of the departments to which they belong: —

Art Library, 1,562 volumes.

Botanical Library, 1,731 volumes.

Library of Physics, Physical Astronomy, Microscopy, and Physical Geography, 2,260 volumes.

Library of Zoology and Physiology, 1,695 volumes.

Library of Chemistry, 969 volumes.

In the smaller houses, libraries of literary, historical, and religious works are accumulating through private generosity.

The Farnsworth Art Building and the Art Collections.

The Farnsworth Art Building, the gift of the late Isaac D. Farnsworth, was opened for work in September, 1889. Besides a lecture room, galleries for collections, and studios for those engaged in drawing and painting, a special feature in the plan of the building is the arrangement of laboratories and libraries, so that the books and art material relating to particular subjects and periods can be made immediately available to general students.

The Art Collection consists of a large number of photographs, engravings, etchings, and drawings; a series of stereoscopic views illustrating the history and art of different nations and periods; a collection of paintings in oil and water colors; copies of ancient armor; a few ceramics, coins, and pieces in bronze and iron; one hundred statues and busts; a small collection of casts from the antique; thirty-six pieces of pottery from an ancient cemetery on the Isthmus of Panama, the gift of Mrs. J. S. Lamson; the James Jackson Jarves collection of laces, embroideries, and vestments; a collection of Indian baskets, the gift of Mrs. Rufus S. Frost, and the Stetson collection of modern paintings in oil.

Thirty-eight large photographs from the Raphael cartoons in the South Kensington Museum, the gift of Mr. John C. Gray, and over four thousand other photographs have been added to the art collections during the past two years.

Music Hall.

The Department of Music occupies Music Hall, which contains thirty-eight music rooms, and a hall for lectures and choral singing. Thirty-seven pianos and two organs are furnished for the use of students. Of these, one, presented by Mr. W. O. Grover, contains 1,584 pipes, has three manuals, each of sixty-one notes, a pedal of thirty notes, and twenty-six speaking registers.

Laboratories and Scientific Collections.

CHEMICAL LABORATORIES.

The building recently erected for work in Chemistry contains a large laboratory for General Chemistry, with lockers for two hundred students; separate rooms for analytical work in qualitative and quantitative branches; and a room specially arranged for making organic preparations. All of the rooms are well lighted, conveniently arranged, and thoroughly equipped with modern appliances for successful work. The building contains also a reading room, and a large lecture room admirably arranged for experimental illustrations.

GEOLOGICAL AND MINERALOGICAL COLLECTIONS.

The mineralogical specimens are arranged in three collections. One collection is exhibited in glass cases, and illustrates the variety and finer qualities of mineral specimens; also by its arrangement with labels for the groups into which it is divided, it shows the classifications of minerals, and, to some extent, their association.

Another collection is used for reference. It contains well-characterized specimens of the more common species. The specimens are labeled and arranged in drawers, and the collection is always accessible to students taking Mineralogy.

There is a third collection, which is used for teaching purposes. It comprises smaller but well-selected specimens, which are systematically arranged in small wooden trays with numbers, but without labels. During an exercise each student has one of these trays, which presents objectively the subject of the lesson.

The room containing these collections is supplied with tables equipped with appliances for testing specimens and laboratory work.

The geological collection of specimens used in teaching the kinds of rocks, rock-structures, the fossil evidences of life and their succession in past times, is so arranged in cases and labeled that it permanently illustrates these topics.

PHYSICAL LABORATORIES.

The department of Physics occupies a convenient lecture room, provided with arrangements for sunlight and lantern projection and adequate apparatus for illustrative experiments.

Laboratories for students are equipped with instruments adapted to a wide range of work. Rooms are especially fitted for photometry, photography, spectroscopic work, and electrical measurements. A workshop is provided with lathe and tools. A steam-engine and two dynamos are connected with the laboratories.

An observatory is in process of erection. It will contain dome, transit, and spectroscope rooms, and will be thoroughly equipped with instruments for both the astronomy of measurements and for astro physics.

BOTANICAL LABORATORIES.

For the use of students in morphological, histological, and physi-

ological work, there are three distinct laboratories, each of which is thoroughly equipped for its special purpose. The laboratory for advanced work has also the necessary physical and chemical apparatus, and such other appliances as are requisite to enable students to carry on independent research.

The collections illustrative of Botany include: the herbarium, containing upward of six thousand phanerogams and about six thousand and five hundred cryptogams; a generic collection mounted under glass; a collection of woods, fruits, and economic vegetable products, and a set of drugs fully illustrating the pharmacopœia; two hundred charts by Henslow, Kny, Dodel, Tschirch, and others; a collection of Auzoux's botanical models, illustrating the structure of both flowering and flowerless plants.

In addition to the working collections a permanent museum is being arranged.

ZOOLOGICAL LABORATORIES.

There are three laboratories for the study of Zoology and Animal Physiology. They are equipped with microscopes, microtomes, incubator, and the more special pieces of apparatus for physiological work.

The Zoological Museum contains a typical collection of both vertebrates and invertebrates, and a considerable number of models by Ziegler, Blaschka, Auzoux, and Deyrolle. There are also excellent collections of the local birds and of insects.

PSYCHOLOGICAL LABORATORY.

The work of the laboratory is carried on in seven rooms (among which are dark-room and lecture-room) with electrical connections. The equipment includes Sanford's chronograph; Lough's electrically actuated pendulum; kymograph, tambours, pneumograph, etc., for recording physiological reactions; Zwaardemaker's clinical and fluid-mantle olfactometers; a color-wheel, a campimeter, a Wheatstone stereoscope; the Hering simultaneous contrast apparatus; Münsterberg's apparatus for the localization of sound, tuning-forks and sonometers; a pressure-balance, æsthesiometers, graduated weights, etc.; and apparatus for special investigations. Students may have the use of models and plates of the brain, and of dissecting instruments.

MATHEMATICAL MODELS.

The collection of mathematical models consists of a set of models of simple solids, surfaces of the second and higher orders, and circular sections of surfaces of the second order. They are executed in wood, thread, card and plaster.

Concerts and General Lectures.

The College provides annually addresses of special interest to the members of various departments, but open to the college at large. A course of lectures on current topics is maintained from October until May. These lectures are given by members of the Wellesley faculty, assisted by

professors of other faculties and by other speakers. The Kate Howard Furness Fund has been established to provide annually a lecture or reading on a Shakespearean subject. The Monroe Fund is intended to furnish each year two lectures or readings in the interest of the department of Elocution.

Frequent recitals and concerts are given by instructors in the department of Music, by advanced students, and by distinguished musicians from Boston and elsewhere. These concerts are free, but it is expected that all who are able will contribute to the Concert Fund.

Health Provisions.

Wellesley is known as one of the most healthful towns in Massachusetts. The college grounds include more than three hundred acres, and give ample opportunity for exercise and recreation. Lake Waban affords a most attractive place for boating and skating.

The health of the students is considered of primary importance. In the construction of buildings this end has constantly been kept in view. Everything possible has been done to give an abundance of light, sunshine, fresh air, and pure water. The drainage, natural and artificial, is excellent.

Two professionally trained Health Officers are in residence, one at College Hall, the other at Eliot Cottage in the village. The Health Officers, the Director of Physical Training, the Dean, and the President of the College constitute a Board of Health.

Full provision is made for any illness which may occur. Two hospital wards, with the constant attendance of a trained nurse, are maintained in College Hall; there is also an emergency ward in an isolated building. No charge is made for the ordinary services of health officers or resident nurse.

Freshmen are required to take a course in Physiology and Hygiene, one appointment per week for a year.

The Gymnasium is equipped with apparatus for Swedish educational gymnastics. Three hours per week of physical training are required in the freshman year. Upper-class students may also arrange for work in the Gymnasium.

The grounds of the College furnish opportunity for a wide range of outdoor sports and pastimes.

Residence.

Two systems of lodging are in use at Wellesley,— the cottage system and the hall system. College Hall, with three dining rooms, accommodates two hundred and seventy-three persons; Stone Hall, with four dining rooms, ninty-nine; Freeman Cottage, forty-seven; Wood Cottage, forty-nine; Norumbega Cottage, thirty; The Eliot, thirty-one; Simpson Cottage, twenty-one; Waban Cottage, eleven; The Fiske, thirty-four. Each building contains single rooms as well as suites for two students. All the rooms are fully furnished and supplied with electric lights or student lamps.

EXPENSES.

The charge to all students living in the college buildings and taking the regular college course, without music, is $400 per year. Such students will pay $250 at the opening of the College in September. Of this amount, $175 is for tuition. At the beginning of the second semester the balance ($150) is due.

Students who are not lodged in the college buildings make their entire tuition payment (see below) at the time of the opening in September. These payments must be made before the student may take her place in the class room. No exception will be made to this rule without a written permission from the Treasurer.

☞ *Checks or money orders should be made payable to Wellesley College.*

TUITION.

The charge for full tuition to all students, whether living in college buildings or not, is $175 a year.

Tuition *must always be paid in advance, and is not subject to return or deduction.*

Students who are permitted to take *seven hours or less* of class-room work per week, and *who do not live in the college buildings*, pay tuition by the course as follows: For a one-hour course, $20; a two-hour course, $40; a three-hour course, $60. Payment is due at the beginning of the year. No charge is made for tuition in courses in Biblical History and Literature.

An additional charge is made for materials in the following laboratory courses: $5 for each laboratory course in Botany, Chemistry, Zoology, or Physics, and $2.50 for each course in Mineralogy or Advanced Geography. Every student should also reckon on the expenditure of $10 to $25 annually for the purchase of books. At the time of taking the degree a diploma fee is charged. This is $5 for the B.A. degree and $25 for the M.A. degree. At the time of taking a certificate, a certificate fee of $3 is due.

TUITION AND OTHER CHARGES IN THE DEPARTMENT OF MUSIC.

For instruction for the college year in Piano, Organ, or Violin, two lessons per week	$100 00
One lesson per week	50 00
(Lessons forty-five minutes each.)	
Two half-hour lessons per week	75 00
For instruction for the college year in Vocal Music, two lessons per week	100 00
One lesson per week	50 00
Ensemble playing, class of six, each student	35 00
For use of the Piano or Reed Organ, one period daily, for the year	10 00
For two periods daily	20 00
For three periods daily	30 00
For use of the Pipe Organ in Music Hall, one period daily, for the year	15 00
For two periods daily	30 00

All charges in music are payable in advance, and are not subject to return or deduction. Charges for instruction on instruments not men-

tioned will be fixed when the lessons are arranged. Tuition in music for students beginning after the opening of the college year is in proportion to the number of lessons given.

BOARD.

A student vacating a room before the close of the year will be charged for board at the rate of $7 a week until the vacancy has been filled by an incoming student. Therefore notice of an intention to withdraw should be given at the earliest possible moment. No deduction is made for absences during the year.

Application for rooms in the college buildings should be made from one and one-half to two years in advance of the time at which the student is expected to enter, or, if possible, even earlier. A fee of $10 is required for recording application, and no application is recorded until the fee is received. This fee will be credited to the student, and a corresponding deduction made on her first payment. If the student decides to withdraw, the fee will be returned provided notification of withdrawal is received thirty days before the beginning of the college year. A student who postpones entrance until the year following the one for which she first applied may transfer her application fee.

Until July 1st, but not after that date, applications from former students will take precedence of those of new students in the matter of rooms. Board can be obtained in private families in the village for $6 per week and upward. Information regarding boarding places may be obtained by addressing the Registrar. A limited number of students can arrange for board at the College during the Christmas and spring vacations; the charge is $7 per week.

☞ *No student can receive a diploma until a satisfactory settlement of all her college dues has been made.*

Scholarships, etc.

A. For Graduates.

Thirty scholarships to the value of $175 per year have been established for the benefit of approved candidates for the M.A. degree. Applications for these scholarships should be addressed to the Chairman of the Committee on Graduate Instruction, Wellesley College, Wellesley, Mass.

B. For Undergraduates.*

The Wood Memorial Scholarship, founded in 1878, by Mrs. Caroline A. Wood, in memory of her husband.

The Grover Scholarship, founded in 1878, by William O. Grover.

The Weston Scholarship, founded in 1878, by David M. Weston.

The Northfield Seminary Scholarship, founded in 1878.

The Pauline A. Durant Scholarship, founded in 1880, by Mr. and Mrs. Durant.

* Unless otherwise stated these scholarships are for $5,000 each.

The Sweatman Scholarship, founded in 1880, by Mr. V. C. Sweatman.

The Walter Baker Memorial Scholarship, founded in 1880, by Mrs. Eleanor J. W. Baker; raised to $7,000 by will of Mrs. Baker in 1892.

The Annie M. Wood Scholarship, founded in 1880, by Frank Wood.

Two Frost Scholarships, founded in 1880, by Rufus S. Frost, as follows:—

One of $1,000, the income to be given annually to some member of the graduating class designated by the Faculty.

One of $5,000, the income to be devoted annually to the aid of students.

The Union Church Scholarship, founded in 1880, by Mr. and Mrs. A. W. Stetson.

The Florence N. Brown Memorial Scholarship, founded in 1880, by Mr. and Mrs. Samuel N. Brown, Jr.

The Augustus R. Clark Memorial Scholarship, founded in 1880, by Mr. and Mrs. A. N. Clark.

Four Harriet Fowle Scholarships, founded in 1881, by Henry Fowle Durant, in memory of his mother.

The Durant Memorial Scholarship, founded in 1883, by the officers and students of Wellesley College, in honor of Henry F. Durant, the income to be appropriated annually to some student selected by the Faculty.

The Jane Topliff Memorial Scholarship of $6,000, founded in 1883, by Mrs. William S. Houghton, in memory of her mother.

The income of a fund of $25,000 known as the "Stone Educational Fund," founded in 1884, by Mrs. Valeria G. Stone.

The Jeannie L. White Scholarship, founded in 1886, by herself.

The Mr. and Mrs. Solomon F. Smith Memorial Scholarship, founded in 1888, by George Smith, for the tuition of students from the town of Wellesley.

The Margaret McClurg Cowan Fund, of $1,000, founded in 1888 by Rev. and Mrs. P. D. Cowan, in memory of their daughter.

The Emmelar Scholarship, founded in 1889, by the Class of '91, the income to be appropriated annually to some student selected by the Faculty.

The Sarah J. Houghton Scholarship, of $6,000, founded in 1889, by William S. Houghton, in memory of his wife.

By provision of Mr. E. A. Goodnow, in 1885, the sum of $250 is annually divided among five deserving students.

The Edith Baker Memorial Scholarship, of $7,000, founded by bequest of Mrs. E. J. W. Baker, in 1892.

The Joseph N. Fiske Memorial Scholarship, of $8,000, founded in 1892, by Mrs. J. N. Fiske.

The Abbie A. Coburn Memorial Scholarship, of $2,000, founded in 1892.

The Eliza C. Jewett Scholarship, of $6,000, founded in 1894; the income to be appropriated to the daughter of a clergyman, or of a home or foreign missionary, selected by the Faculty of the College.

The Ada L. Howard Scholarship, of $6,000, founded in 1895.

The Helen Day Gould Scholarship, of $7,000, founded in 1896, by Helen Miller Gould, in memory of her mother.

The Goodwin Scholarship, founded in 1897, by Hannah B. Goodwin.

The Hyde Scholarship of $2,000, founded in 1898, by Sarah B. Hyde.

The Bill Scholarship, of $7,000, founded in 1898, by Charles Bill.

The Holbrook Scholarship, of $3,000, founded in 1898, by Sarah J. Holbrook.

The (second) Helen Day Gould Scholarship of $7000, founded in 1899, by Helen Miller Gould.

The Alice Freeman Palmer Scholarship, of $5,000, founded in 1899, by Mrs. David P. Kimball.

As its means allow, the Students' Aid Society also affords help to those who cannot from their own resources meet the entire expense of the college course. In many cases money is loaned to students without interest, in the expectation that whenever they are able they will repay the Society; assistance is often given partly in gifts and partly in loans.

The funds at the disposal of the Society are wholly insufficient to meet the wants of applicants. Contributions of any amount will be gladly received, and should be sent to the Treasurer of the Society, Mrs. Pauline A. Durant, Wellesley, Mass. All applications for assistance must be made by letter addressed to the Secretary of the Students' Aid Society, Wellesley, Mass., before the first of May preceding the college year for which the aid is needed.

In two cottages a reduction of $100 is allowed on payment for board, under certain conditions.

ADMISSION.

Admission to the Freshman Class.

Students are admitted either by examination (see pages 22 to 23) or by certificate (see pages 23 to 24).

Every candidate for a degree must offer for admission to the freshman class the following subjects: English, History, Algebra, Plane Geometry, Latin, and in addition the maximum requirement in a second language (which may be either Greek, or French, or German), together with the minimum requirement in a third language or in one of the following sciences: Chemistry, Physics, Zoology. For full details regarding requirements in these subjects see pages 24 to 30.

The entrance subjects are divided into three groups, A, B, C, as follows: —

Group A. Rhetoric, English Literature, History, Cæsar, Vergil and Prosody, Cicero, Anabasis, Greek Grammar, Iliad, Greek for the minimum requirement, German (reading, poetry, and technical grammar of maximum requirement), and French (reading, poetry, and technical grammar of maximum requirement).

Group B. Alegebra *or* Geometry, Physics, Chemistry, and Zoology.

Group C. English Composition, Latin Prose Composition, Greek Prose Composition, French Prose Composition and Conversation of maximum requirement, German Prose Composition and Conversation of maximum requirement, French and German minimum requirement, and *either* Geometry *or* Algebra.

Final examinations in subjects of Group A may be taken at any time before entering college. Final examinations in subjects of group B must be taken not earlier than *fifteen months before entrance* in September. Final examinations in subjects of group C must be taken not earlier than *twelve months before entrance* in September.

☞ The above applies to final examinations held by principals of schools, preliminary to granting certificates, as well as to the College entrance examinations.

Candidates will not be admitted if conditioned in two, or heavily conditioned in one of the following subjects: Latin, Greek, French, German, Mathematics.

A candidate for admission must be at least sixteen years of age, and must present satisfactory evidence of good moral character and good health. A blank form for the certificate of health will be sent in July to all registered applicants for admission.

The student who has met all entrance requirements is qualified for immediate matriculation for the Baccalaureate degree in Arts.

All communications concerning admission should be addressed to the Secretary of Wellesley College, Wellesley, Mass.

ADMISSION ON EXAMINATION.

Entrance examinations are offered at the College in June and September of each year. Such examinations may be appointed in June in any city where they are desired by two or more candidates. Applications for these local examinations should be made before April 1st to the Secretary of the College. Examinations are held in September *in Wellesley only*.

Schedule of Entrance Examinations.

June, 1900.

TUESDAY, JUNE 12.

8.30–10.15 A.M.	Plane Geometry.
10.30–12.30	Algebra.
1.30– 3.15 P.M.	Chemistry, Physics, Zoology.
3.30– 5.30	History (Grecian, Roman, English, United States).

WEDNESDAY, JUNE 13.

8.30–10.00 A.M.	Cicero.
10.15–11.45	Latin Prose Composition.
2.00– 3.00 P.M.	Cæsar.
3.30– 4.30	Vergil.

THURSDAY, JUNE 14.

8.30–10.30 A.M.	English Composition and Rhetoric.
10.30–12.30	English Literature.
2.00– 4.30 P.M.	French (minimum).
"	German (minimum).
"	Greek (minimum).

FRIDAY, JUNE 15.

8.30–10.00 A.M.	Greek Grammar.
10.15–11.45	Greek Prose Composition.
9.00–11.45	German (maximum).
2.00– 3.00 P.M.	Anabasis.
3.00– 4.30	Iliad.
2.00– 4.45	French (maximum).

September, 1900.

TUESDAY, SEPTEMBER 18.

8.30–10.15 A.M.	Plane Geometry.
10.30–12.30	Algebra.
1.30– 3.15 P.M.	Chemistry, Physics, Zoology.
3.30– 5.30	History (Grecian, Roman, English, United States).

WEDNESDAY, SEPTEMBER 19.

8.30–10.00 A.M.	Cicero.
10.15–11.45	Latin Prose Composition.
2.00– 3.00 P.M.	Cæsar.
3.00– 4.30	Vergil.

THURSDAY, SEPTEMBER 20.

8.30–10.30 A.M.	English Composition and Rhetoric.
10.30–12.30	English Literature.
2.00– 4.30 P.M.	French (minimum).
"	German (minimum).
"	Greek (minimum).

FRIDAY, SEPTEMBER 21.

8.30–10.00 A.M.	Greek Grammar.
10.15–11.45	Greek Prose Composition.
9.00–11.45	German (maximum).
2.00– 3.00 P.M.	Anabasis.
3.00– 4.30	Iliad.
2.00– 4.45	French (maximum).

ADMISSION ON CERTIFICATE.

Any school whose equipment and curriculum enable it to prepare students for the freshman class, upon complying with the regulations stated below, may receive the right to give a certificate of scholarship which shall exempt the candidate from College entrance examinations in the subjects satisfactorily covered by the certificate.

RIGHT OF CERTIFICATION.

1. If a school has not the right of certification and the principal wishes to obtain this privilege, he should apply to the Secretary of the College between October first and April first of any year. In response to this application a blank form will be sent, which the Principal is requested to fill out and return, sending with it a catalogue or circular of the school.

During the interval between April first and October first applications for the right of certification will not be considered by the Board of Examiners.

2. The school is considered to be on probation during the first year of the first candidate. The right of certification may be withdrawn at any time from any school which fails to give complete and satisfactory preparation.

CERTIFICATE OF SCHOLARSHIP.

1. The principal of the preparatory school must present, upon a blank form furnished by the College, a certificate of scholarship for each candidate.

2. All certificates must be forwarded in time to be received at the College *by July 1st*, unless special arrangements have been made with the Board of Examiners. On or before August 1st each candidate will be informed of the decision with regard to her certificate.

3. All certificates must show distinctly that the candidate has met in detail the requirements as published in the current Calendar. Whenever any variation has been allowed, the work done must be specifically stated and offered as an equivalent, to be accepted or refused. Attention is called to the division of the entrance subjects into Groups A, B, C, and to the time limit set on final examinations in the subjects of Groups B and C, given on pages 21, 22.

4. All certificates must be signed by the principal of the school, and countersigned by the assistants who have instructed the candidate.

5. Supplementary certificates will not be accepted. Deficiencies upon the certificate received in July can be made good only by examination at the College.

6. The candidate who has received the certificate of a principal will not be exempt from the entrance examinations in any particular subject, unless her certificate shows that she has satisfactorily accomplished the full amount of work required in that subject. Any student whose certificate is found on July 1st to be deficient in more than three subjects of Groups B or C or in six of Group A [see pages 21, 22] may be refused the privilege of taking examination the following September.

Subjects required for admission, with details regarding them, are as follows: —

I. ENGLISH.

Rhetoric.—Choice of Words, Construction of Sentences and of Paragraphs, Outlines of Themes.

Text-books recommended: Scott and Denney's Composition-Rhetoric; Lewis's First Book in Writing English; J. F. Genung's Outlines of Rhetoric; A. S. Hill's Foundations of Rhetoric, and as companion book, Huber Gray Buchler's Practical Exercises in English; W. G. Mead's Elementary Composition and Rhetoric. The first half of Genung's Practical Elements of Rhetoric will be accepted.

Composition.—The subjects for the examination in Composition will be taken from the English Literature required for the year. The form of the examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a number set before her in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of the whole or a part of this test, the candidate may be allowed to present an exercise book, properly certified by the instructor, containing compositions or other written work done in connection with the reading of the books.

To meet the requirement in composition, the student should have practice in writing equivalent to fortnightly themes during the first two years and weekly themes during ing the last two years of the preparatory course. No applicant will be accepted in English whose work is notably defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs.

Literature.—The Wellesley requirement is that adopted by the Commission of New England Colleges.

A. Reading.

Certain books are set for reading. The candidate is required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors.

The books set for this part of the examination are:

In 1900: Dryden's *Palamon and Arcite;* Pope's *Iliad*, Books I., VI., XXII., and XXIV.; the *Sir Roger de Coverley Papers;* Goldsmith's *Vicar of Wakefield;* Scott's *Ivanhoe;* De Quincey's *Flight of a Tartar Tribe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal.*

In 1901 and 1902: Shakespeare's *Merchant of Venice;* Pope's *Iliad*, Books I., VI., XXII., and XXIV.; the *Sir Roger de Coverley Papers;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal;* George Eliot's *Silas Marner.*

In 1903, 1904, and 1905: Shakespeare's *The Merchant of Venice* and *Julius Cæsar;* The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Scott's *Ivanhoe;* Carlyle's *Essay on Burns;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal;* George Eliot's *Silas Marner.*

B. Study and Practice.

This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form, and structure.

The books set for this part of the examination are:

In 1900: Shakespeare's *Macbeth;* Milton's *Paradise Lost*, Books I. and II.; Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

In 1901 and 1902: Shakespeare's *Macbeth;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

In 1903, 1904, and 1905: Shakespeare's *Macbeth;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

II. History: —

A full year course with at least three recitations per week in one of the following subjects: the History of Greece to the death of Alexander, with due reference to Greek life, literature, and art; the History of Rome, the Republic and Empire to the accession of Commodus; English History, with due regard to social and political development; American History, with the elements of Civil Government.

In the subject chosen, the student should acquire accurate knowledge of the history as presented in a standard text-book of not less than 300 pages and should read such fuller authorities as may be available, in amount not less than 500 pages. Some practice in drawing maps to illustrate territorial changes, in making digests of lectures and reading, and in preparing verbal or written reports on subjects assigned for individual investigation is essential to successful work.

Students presenting themselves for examination are expected to bring note-books, maps, and essays, that may serve as supplementary evidence of the character of their preparation.

III. Mathematics: —

Algebra.—Proportion, Inequalities, Powers and Roots, Imaginary Quantities, Quadratic Equations, including the theory, Arithmetic Progression, Geometric Progression.

Plane Geometry.—As found in Chauvenet, or its equivalent.

Deficiency in preparation usually results from one or more of the following causes: the use of text-books which are too elementary, insufficient length of time spent in preparation, neglect of exercises in original demonstration in Geometry, and of reviews in both Algebra and Geometry. One and one third years, with daily recitations, is the minimum time in which satisfactory preparation can be made in Algebra, and one year with daily recitations is the minimum in Geometry. It is strongly urged that there be constant exercise in original demonstration in Geometry, with frequent written examinations in both Algebra and Geometry, the problems proposed being drawn from other sources than the text-books.

IV. Latin :—

Grammar, including Prosody.

The study of the rules of Prosody should be accompanied by such exercises in transposition of Latin verses as will make the rules familiar.

Prose Composition.

One of the standard text-books in this subject should be completed, and additional practice given in the writing of connected passages.

Cæsar, Gallic War, four books.

Cicero, seven orations, or six if the Manilian Law be one.

Vergil, Æneid, six books.

Equivalents will be accepted, especially if they are in the line of the requirements of the New England Commission of Colleges and Preparatory Schools; but verse will not be taken in place of prose, nor anything instead of the required translation of English into Latin. Constant practice in reading at sight is urged. The entrance examinations and the conduct of the work in College assume such training.

In addition to the foregoing four subjects required of all, a candidate must offer a maximum requirement in Greek, or French, or German, together with a minimum requirement in a third language or in a science.

MAXIMUM REQUIREMENT IN GREEK.

Grammar. *The etymology must be thoroughly mastered.*

Prose Composition. At least forty written exercises based upon the Greek of Xenophon, including connected passages and accompanied by a systematic study of the main principles of syntax.

Xenophon, Anabasis, three books.

Homer, Iliad, three books; with scansion.

Candidates must be prepared to translate at sight both Attic and Homeric Greek of average difficulty, and to write in Greek a connected passage based upon Xenophon.

Particular attention should be given to the correct writing of Greek with the accents, to exercises both oral and written, and to the use of the blackboard for constant practice upon forms and constructions.

The teachers of language in the preparatory schools are urged to insist upon the use of simple and idiomatic English in translation.

Ability to read at sight either easy French or German prose is strongly recommended to all classical students.

MINIMUM REQUIREMENT IN GREEK.

Systematic study of etymology from Goodwin's, or Hadley and Allen's, Grammar, in connection with a book of First Lessons. Anabasis, at least three chapters. Practice in writing Greek.

This work requires at least one year, with five recitations per week. It must be distinctly understood that this preparation does not admit the student to any college course in Greek.

MAXIMUM REQUIREMENT IN FRENCH.

To meet the requirement in French the candidate must be prepared in the following : —

(1) Grammar : a knowledge of the etymology and the essential principles of syntax, especially the use of moods and tenses. (2) Composition : familiarity with the commoner idioms, and ability to translate connected passages of easy English into French at sight. (3) Reading : not less than five hundred duodecimo pages of classical and contemporary prose and verse from at least four standard authors. (4) Conversation : ability to follow a recitation conducted in French, to answer questions in that language, and to repeat some short selections from French prose and poetry.

These results can be best attained by the use of the books indicated for College Courses, 1 and 2, or their equivalents, see page 41 of present Calendar.

The maximum preparation in French should cover a period of at least two years, five recitations per week.

MINIMUM REQUIREMENT IN FRENCH.

As the minimum requirement a student may offer either *A* or *B* :—

A. The first year of the maximum requirement, viz. : (1) Grammar ; including the conjugation of the regular and the more usual irregular verbs. (2) Composition : Translation into French of connected passages of simple English. (3) Reading : at least two hundred duodecimo pages from at least three different authors. Not more than one half of this should be from works of fiction. (4) Conversation : Ability to answer in French questions on simple subjects and to repeat short selections from choice French poetry. French should be the language of the class-room.

B. (1) Grammar as for minimum A. (2) The ability to read easy prose at sight.

The student should translate, with careful attention to the grammar, at least three hundred pages from such works as La Prise de la Bastile, by Michelet ; La Mare au Diable, by George Sand ; La Chute, by Victor Hugo ; or the prose of such authors as Souvestre, Daudet and About. The selections should be made from at least four different authors.

Students meeting minimum requirement *B* may be admitted to course 16, but not to course 2 without additional preparation. The minimum preparation in French should cover a period of at least one year, five recitations per week.

MAXIMUM REQUIREMENT IN GERMAN.

To meet the maximum requirement in German the candidate must have : —

(1) A distinct German pronunciation, which may be acquired at the outset by a course in phonetics ; (2) A knowledge of the important rules

of elementary grammar, which the student should be able to state in German, and to illustrate by original examples; (3) Ability to understand spoken German, an easy lecture or novel, which will be acquired if German is made the language of the class room; (4) Fluency in conversation upon simple topics, and knowledge of German idioms, which are gained by object lessons according to Pestalozzi's Anschauungs Method, and by constant recitation in German; (5) Ability to understand and recite some short specimens of choice lyric poetry: (6) Ability to translate easy German at sight: (7) Ability to translate easy English into German, to write simple compositions, and to use the German script.

These results can be obtained by the following course, or its equivalents:—

Grammar: Deutsche Sprachlehre, by Wenckebach.

Prose composition: German Composition, by Wenckebach, pp. 1–109 and pp. 165–210.

Reading: Deutsches Lesebuch, by Wenckebach, pp. 1–126 and 167–247, studied according to the directions given in the preface. An easy story for practice in sight reading (*e. g.*, Meissner's Aus meiner Welt), a drama (*e. g.*, Lessing's Minna von Barnhelm), and Goethe's Dichtung und Wahrheit, three books.

Conversation: Deutscher Anschauungs-Unterricht, by Wenckebach, pp. 1–52, 78–82, 91–117, 128–161. Idioms, pp. 315–332 (see preface).

Poetry: Die Schönsten Deutschen Lieder, compiled by Wenckebach; the first five "Volkslieder," and numbers 2, 3, 8, 10, 14, 15, 18, 19, 20, 21, 22, 23, 26, 28, 30, 32, 33, 34, 37, 40, 42, 45, 46, 47, 50, 51, 52, 59, 60, 61, 62, 63, committed to memory.

The maximum preparation in German should cover a period of at least two years, five recitations per week.

MINIMUM REQUIREMENT IN GERMAN.

As the minimum requirement, a student may offer either *A* or *B*.

A. The first year of the maximum requirement, namely:

(1) Deutsche Sprachlehre, pp. 1–150; German Composition, pp. 1–55; (2) Reading: Deutsches Lesebuch, pp. 1–125 and 167–247. Poetry committed to memory, pp. 220–224 in the Lesebuch; (3) Speaking exercises: Deutscher Anschauungs-Unterricht, pp. 1–36. Idioms, pp. 315–319.

B. The ability to read easy prose at sight.

The student should translate, with attention to the grammar, at least two hundred pages of such German texts as Andersen's Bilderbuch ohne Bilder, Fouqué's Undine, Chamisso's Peter Schlemihl.

Students meeting minimum requirement *B* may be admitted to a translation class (course 4, p. 38), but not to course 2 without additional preparation.

The minimum preparation in German requires at least one year, five recitations per week, and should not be crowded into a shorter time.

Equivalents will be accepted; but reading will not be taken in place of grammar, nor poetry for conversation, etc.

MINIMUM REQUIREMENT IN SCIENCE.

Any one of the three following sciences: (1) Physics, the Harvard requirement in Physics; or, the equivalent of the courses outlined in the Report of the Committee on Secondary School Studies, pp. 117–127 [National Educational Association, 1892]. (2) Chemistry, Remsen's Introduction to the Study of Chemistry, Briefer Course; or, the course outlined in the Report of the Committee on Secondary School Studies, pp. 127–137. (3) Zoology: Colton's Practical Zoology, except those parts which involve the use of the compound microscope. The student must be able to recognize the animals, and to make the dissections described in that book.

The preparation in these sciences should cover at least one year, five recitations per week. In all the science courses notebooks of laboratory work, certified by the teacher, are to be presented in addition to examination, or certificate of examination, upon the text.

Admission to Advanced Standing.

Candidates for advanced standing must fulfill the requirements for admission to the freshman class, and must also be prepared to be examined in the required studies previously pursued by the class which they wish to join, and in a sufficient number of electives to give full standing with that class.

Such candidates, if they come from other colleges, may present certificates of collegiate work; but it should be clearly understood that they are not thereby necessarily relieved from examinations.

Each candidate should apply for a statement of the credentials which she will need to present.

All correspondence should be addressed to the Secretary of the College.

Admission of Students not Candidates for a Degree.

Opportunities for special study are offered to students who are not candidates for a degree, but are qualified to undertake college work.

Applicants who give satisfactory evidence of ability to pursue advanced courses of study may be admitted at the discretion of the Board of Examiners, provided that they satisfy the requirements of the departments which they propose to enter. It will be noted that opportunities of prosecuting work along special lines are thus open to persons of experience and success in teaching who possess the requisite qualifications for admission to college classes.

Applicants of less maturity and acquirement are not ordinarily admitted, but if such desire admission they must expect to meet, by examination or by certificate from an accredited school, the requirements prescribed for admission to the Freshman Class, or a full equivalent for

them, and must satisfy such additional requirements as are prescribed by the departments which they propose to enter.

All courses, graduate as well as undergraduate, are open to special students, subject to the conditions stated by the various departments; but every such student is expected to choose a primary subject to which she should devote the greater part of her time. A student who creditably completes a prescribed group of courses in two or more departments will be granted a certificate of scholarship.

As the capacity of dormitories is not sufficient for the number of students in the regular course, special students cannot be lodged in the college buildings. Comfortable homes may be found in the village at about the same expense as in college dormitories.

Application for admission as a special student, with all required certificates, should be sent to the College before the first of July, if possible. All correspondence should be addressed to the Secretary of the College.

College Examinations.

An examination period occurs at the end of each semester. At these periods, and also during the days of the entrance examinations in September, examinations for the removal of conditions and deficiencies and for advanced standing may be taken.

A student desiring to remove a condition may be admitted to examination at any one of these periods, provided she has given one week's notice to the department concerned. For examination for the removal of deficiencies or for advanced standing *special arrangements must be made.*

☞ The College reserves the right to require the withdrawal of students whose scholarship is not satisfactory.

DEGREES.

The following degrees will be conferred by the Trustees upon recommendation of the Academic Council :—

Bachelor of Arts.

Master of Arts.

Requirements for the B. A. Degree.

Exery candidate for the B.A. degree must complete before graduation the equivalent of fifty-nine one-hour courses,* of which a certain number are required, the rest elective.

I. Required. Courses in the following subjects are required as specified : —

Mathematics, one full course†; Philosophy, one full course; Physiology and Hygiene, one one-hour course*; Biblical History and Literature, the equivalent of four one-hour courses; English, the equiva-

* A one-hour course is a course given once a week for one year.

† A full course is a course given either three or four times a week for one year.

lent of four one-hour courses; Language, one full course; Natural Sciences, two full courses. The science courses must be in different departments. If a student offers for entrance the minimum requirement in science, only one full course of natural science is required in college.

Of the required subjects, Mathematics must be taken in the freshman year; Physiology and Hygiene in the freshman year; Biblical History and Literature, one hour per week in the freshman and sophomore years, two hours per week in the junior year; English, one hour per week in the freshman and junior years, and two hours per week in the sophomore year. Of the natural sciences, one must be taken before the junior year, the other may be elected at any time during the course; language may be taken in any year, but either a language or a science must be taken in the freshman year. Philosophy should ordinarily be taken before the senior year.

II. Elective. All of the fifty-nine hours not indicated in the above are elective, subject only to the restriction that the equivalent of eighteen one-hour courses must be taken in one of the the following ways:—

(*a*) Nine in each of two subjects, related or unrelated.

(*b*) Nine in one subject, with nine divided between two tributary subjects.

(*c*) Twelve in one subject, with six in a tributary subject.

(*d*) Twelve in one subject, with six divided between two tributary subjects.

In general, required subjects may be counted in making up these eighteen hours; but course 1 in French and course 1 in German may not be so counted.

Except by special permission, a student may not take fewer than ten or more than fifteen hours per week in any one year.

Requirements for the M.A. Degree.

GRADUATE INSTRUCTION.

Candidates for the degree of Master of Arts must be graduates of Wellesley College, or of some institution of similar standing, and must give satisfactory evidence of ability to carry on the work for the Master's degree.

The amount of work required of candidates for the M.A. degree consists of the equivalent of fifteen one-hour courses chosen from the courses described in the circular of Graduate Instruction. The student is advised to choose one major subject, and not more than two minor subjects which should be related to the major.

One year is the shortest time in which a candidate can complete the work required, but it must be understood that only students of ability and maturity will be able to finish it in so short a time.

Upon completion of the work for the degree of Master of Arts either an examination or a thesis, or both, will be required. The examination must be taken in Wellesley during the regular examination period in June of the year in which the degree is to be conferred.

Thirty scholarships, as described on page 19, are open to accepted candidates for the Master's degree not residing in college buildings.

Candidates residing in the college buildings will pay the full charge for board and tuition, $400 per annum. Upon receiving the Master's degree a fee of twenty-five dollars will be required of each candidate.

Work for the M.A. degree done *mainly in absentia* will not be accepted, except when such work has been done at some institution which does not grant the Master of Arts degree. The time of examination and the diploma fee are the same for resident and for non-resident students.

Circulars containing fuller information concerning graduate work will be forwarded on application to the Secretary of the college. It is very desirable that applications for admittance as graduate students be received by June 1st of the year in which the student wishes to enter.

STUDENTSHIPS GIVING OPPORTUNITY FOR STUDY ELSEWHERE THAN AT WELLESLEY.

Schools of Classical Study.

Wellesley College is a contributor to the support of the American School of Classical Studies at Athens, and the American School of Classical Studies in Rome, founded, in 1882 and 1895 respectively, by the Archaeological Institute of America.

The object of these schools is to afford opportunity for the study of classical literature, art, and antiquities, to aid in original research in these subjects, and to conduct the exploration and excavation of classical sites.

The American School of Classical Studies at Athens.

The school year extends from October 1st to June 1st.

The regulations for admission are as follows: "Bachelors of Arts of co-operating colleges, and all Bachelors of Arts who have studied at one of these colleges as candidates for a higher degree, shall be admitted to membership in the School on presenting to the Committee a certificate from the classical department of the college at which they have last studied, stating that they are competent to pursue an independent course of study at Athens under the advice of the Director. Members of the school are subject to no charge for tuition."* Further information can be had by application to Professor Chapin, who represents Wellesley upon the Managing Committee of the School.

The American School of Classical Studies in Rome.

The school year extends from the fifteenth of October to the first of June. The regulations for admission are as follows: "Bachelors of Arts of colleges which are in good standing may become members of the School on submitting to the Chairman of the Committee, or to the Director of the School, satisfactory proof that the studies previously followed by them, and their proficiency in these studies, have been such as to enable them to pursue advanced courses of study at the School."*

* A few Fellowships of $600 each are awarded by competitive examination.

The Marine Biological Laboratory at Wood's Holl.

Wellesley College is a contributor to the support of the Marine Biological Laboratory at Wood's Holl,— a region especially rich in forms of marine life, both vegetable and animal. This laboratory, which is open during the summer for the study of marine life, affords opportunities both to investigators and to persons needing either instruction or direction.

In the department of Botany there are offered courses for the study of marine algæ, types of fungi, and the higher cryptogams.

In Zoology, regular courses of instruction are given in the anatomy of typical marine invertebrates and of the lower vertebrates. There is also a course in the embryology of fishes, and one in comparative physiology, which are fitted for advanced students.

Students in either Botany or Zoology who desire to undertake original work will receive suitable direction. In addition to these opportunities there are courses of lectures on special topics, which are open to all students, and evening lectures on subjects of general biological interest.

Wellesley College is entitled to appoint annually two students, who are entitled to all the advantages of the Laboratory without expense for tuition. Applications for appointment to a studentship should state the character of the work to be done,— *i.e.*, whether botanical or zoological, whether general work, investigation under direction, or independent investigation,— and should be forwarded to Professor Hallowell or Professor Willcox, in time to reach Wellesley before April 1st.

The Zoological Station at Naples.

Wellesley College is a subscriber to the support of the American Woman's Table at the Zoological station in Naples, and thus has a voice in the selection of the persons who make use of it. Such persons must be capable of independent investigation in Botany, Zoology, or Physiology. Appointments are made for a longer or shorter period, as seems in each case expedient. Applications for the use of the table may be made through the President of the College.

COURSES OF INSTRUCTION.

The following Courses of Instruction are offered by the several departments, those from which undergraduates are excluded being marked with brackets. The College reserves the right to withdraw the offer of any elective study when not chosen by at least six students.

I. GREEK.

1. Lysias (selected orations); Plato: Apology and Crito; English into Greek, exercises based on prose read; Homer: Odyssey (selections amounting to about 2,500 verses). *Open to students who*

have met maximum entrance requirements. Four hours per week for a year. A separate division reciting three times per week may be formed for students above freshman rank.

Associate Professor Montague, Associate Professor Edwards.

2. Attic orators: selections; Euripides: one drama. *Open to students who have completed course 1. Three hours per week for a year.*

Associate Professor Montague.

3. Historians: selections, chiefly from Herodotus and Thucydides; Æschylus: Persians. *Open to students who have completed course 1. Three hours per week for a year.*

Professor Chapin.

4. Origin and development of Greek Drama. Aristotle's Theory of Tragedy. Reading and criticism of selected dramas; Æschylus: Prometheus; Sophocles: Œdipus Tyrannus, Antigone, Electra; Euripides: Bacchæ. A study of all the extant plays of Æschylus and Sophocles is made by special topics. *Open to students who have completed two full courses. Three hours per week for a year.*

Professor Chapin.

5. History of Greek Poetry. Theory of Poetry in Plato's Ion. Lectures and readings; Homeric Hymns; Hesiod; elegiac poets; lyric fragments; Pindar; Theocritus. *Open to students who have completed three full courses. Three hours per week for a year.*

Professor Chapin.

*10. Plato: Phædo and selections from other dialogues. Collateral readings from other Greek writers. *Open to students who have completed two full courses. Three hours per week for a year.*

Associate Professor Montague.

†11. Greek Syntax. A systematic study of the essential principles of Greek Syntax, illustrated by passages from various authors. Constant practice in translation from English into Greek. *This course is especially recommended to those intending to teach Greek. Open to students who have completed course 1. Two hours per week for a year.*

Associate Professor Montague.

12. Homeric Seminary. *Open to students who have completed three full courses. Three hours per week for a year.*

Associate Professor Edwards.

Critical study of selected portions of the Iliad, with discussions and lectures on special problems of Homeric grammar and antiquities, supplemented by the private reading of the greater part of the Iliad.

* Not offered in 1899–1900.

† Withdrawn for the current year.

13. Elementary Course. Greek Grammar. Xenophon (selections). Practice in writing Greek. *Open to students above freshman rank only on approval of the department. Four hours per week for a year.*
Associate Professor Montague.

The plan of this course contemplates furnishing in one year preparation for the reading of simple Attic prose, and for the intelligent understanding of scientific and technical terms derived from Greek.

For additional courses see under Comparative Philology.
For courses in the study of the Greek Testament, see pp. 47–48.

II. LATIN.

1. Cicero: Selected Letters and De Senectute. Latin writing, exercises based on Cicero. Tacitus: Germania and Agricola, Capes' Early Empire. Selections from Horace. *Open to students who have met entrance requirements. Four hours per week for a year.* A separate division reciting three times a week may be formed for students above freshman rank.
Dr. Walton, Miss Fletcher.

2. Horace: Odes and Epodes. *Open to students who have completed course 1. Three hours a week for the first semester.*
Associate Professor Hawes, Dr. Walton.

3. Pliny's Letters, with study of the private life of the Romans. *Open to students who have completed course 1. Three hours per week for the second semester.*
Associate Professor Hawes, Dr. Walton.

13. Livy: selections from the first and third decades. Ovid: Fasti. Phormio of Terence. *Open to students who have completed course 1. Three hours per week for a year.*
Miss Fletcher.

(As 2–3 and 13 are both planned for sophomore work, neither may be taken, as the third course, by students who make Latin a major.)

10. Latin Prose Composition. *Open to students who have completed two full courses. Two hours per week for a year.*
Miss Fletcher.

‡4. Comedy. Selected plays of Plautus and Terence. *Open to students who have completed two full courses. Three hours per week for the first semester.*
Associate Professor Hawes.

‡5. Satire. Selections chiefly from Horace and Juvenal. *Open to students who have completed two full courses. Three hours per week for the second semester.*
Associate Professor Hawes.

‡ Courses 4 and 5 and 14 will not be given in the same year.

12. History of Latin Literature. Lectures and illustrative readings, with direction of the students' private reading. *Open to students who have completed two full courses and who are taking some other course in the department. One hour per week for a year.*

Associate Professor Hawes.

The aim of this course is to give a general survey of the subject, tracing the beginnings and development of the various kinds of prose and verse, and considering the changes in the political and social conditions under which Latin literature developed.

15. Introduction to Roman Antiquities. Lectures and discussions. *Open to students who have completed two full courses. Two hours per week for a year.*

Dr. Walton.

Architectural history and topography of Ancient Rome. Studies in Pompeii, Minor monuments of the Romans, as sculpture, paintings, bronzes, gems and coins.

‡*14. History and Literature of the Early Empire. Selections chiefly from Tacitus, Suetonius, Seneca, Quintilian. *Open to students who have completed two full courses. Three hours per week for a year.*

Associate Professor Hawes.

9. Latin Poetry, especially Lyric, Idyllic and Elegiac. Readings from Catullus, Horace, Vergil, Ovid, Martial, and some of the later poets. *Open to students who have completed three full courses. Three hours per week for a year.*

Associate Professor Hawes.

For course in Latin Grammar see under Comparative Philology.

III. GERMAN.§

1. Elementary Course. Grammar, prose composition, reading, conversation, memorizing of poetry. *Three hours per week for a year.*

Associate Professor Müller, Miss Fette, Miss Mitzlaff.

2. Elementary Course. Topics as in course 1. *Three hours per week for a year.*

Miss Habermeyer, Miss Fette, Miss Mitzlaff.

Wenckebach's German text-books, Deutsche Sprachlehre, Lesebuch, Anschauungs-Unterricht, Die Schönsten Deutschen Lieder, and German Prose Composition are used in the above courses. Meissner's Aus meiner Welt and Lessing's Minna von Barnhelm are read and translated. The aim of courses 1 and 2 is to give the student a knowledge of elementary German grammar in the German language, ability to understand with ease spoken German, to converse upon simple topics, and to translate easy German into English and *vice versa*. Special attention is paid to the writing in German of the summaries of the topics read and discussed in the class, to the memorizing of choice lyric poetry, to the acquirement of a correct German pronunciation, and to the writing of the German script.

* Not offered in 1899–1900.

§ Courses 1, 2, 5–7 (or 3), 11 and 12, 15 and 16 must be taken consecutively. Courses 1–15 and 17 are open to all students; courses 16, 18, 19, 21, 23, 24 to juniors, seniors and graduate students; courses 20 and 22 primarily to graduate students.

†3. Intermediate Course, covering the amount of courses 2, 5, 6, 7. *Open to students who have completed course 1 in College. Six hours per week for a year.*

Professor Wenckebach, Associate Professor Müller, Miss Mitzlaff.

4. Translation from German into English. *Open to students who have completed minimum B admission requirement in German. Freshmen four hours; all other students three hours per week for a year.*

Miss Habermeyer.

The course is intended to give a reading knowledge of German through the medium of translation only, for the use of the German language in History, Literature, and the Natural Sciences. The choice of books will depend on the subjects taken up by the class.

5. Grammar and Composition (Intermediate Course). *Freshmen two hours; all other students one hour per week for a year.*

Miss Mitzlaff, Miss Fette.

Review of elementary grammar and study of more advanced grammar. Constant practice in prose composition and letter writing.

6. Schiller (Elementary Course). *One hour per week for a year.*

Associate Professor Müller, Miss Habermeyer, Miss Fette.

The course includes lectures, reading, translations, and the memorizing of poetry. Schiller's life, with his early dramas, is made the basis of easy lectures and discussions in German, so that the student may become accustomed to follow an uninterrupted train of thought and learn to think connectedly in a foreign language.

7. Translation and Conversation (Intermediate Course). *One hour per week for a year.*

Associate Professor Müller, Miss Habermeyer, Miss Mitzlaff.

The chapters on "A History of the German Language," in Wenckebach's Lesebuch, are translated into English, and made the subject of oral discussions in German. Text read, translated, and discussed: Scheffel's Ekkehard.

8. Grammar and Composition. *One hour per week for a year.*

Professor Wenckebach, Miss Mitzlaff.

*9. Grammar and Composition (Advanced Course). *One hour per week for a year.*

Professor Wenckebach.

Study of syntax according to the best German grammars. Constant practice in Prose Composition.

†10. Translation from German into English (Advanced Course). *One hour per week for a year.*

Miss Habermeyer.

Systematic training in translating difficult German into idiomatic English. The texts read and translated will be selected from scientific, historical, or philosophical works.

* Not offered in 1899–1900.

† Withdrawn for the current year.

11. Goethe's Life and Works. *One hour per week for a year.*

Associate Professor Müller.

Lectures, with practice in taking notes, discussions, short papers. Study of the principal characteristics of Goethe's life and works up to the time of his literary coöperation with Schiller. Works read and discussed: Dichtung und Wahrheit (selections), Götz von Berlichingen, Egmont, Iphigenie, Poems, etc.

12. Germanic Mythology and Wölsungensaga. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, recitations, and reading. The main facts of Germanic Mythology and Sagas, as found in the Edda, Grimm's Deutsche Mythologie, Dahn's Walhall and Raszmann's Die Deutsche Heldensage are treated. A knowledge of these myths and sagas furnishes a valuable basis for the understanding of the Old and Middle High German literature.

13. The German Novel. *One hour per week for a year.*

Associate Professor Müller.

Lectures, reading, discussion, essays. Presentation of the historical development of the German novel, in lectures. Special study of one of the representative novels by Goethe, Jean Paul, Freytag, Keller, Heyse, Sudermann, etc.

14. Theory of the Drama, illustrated by Schiller's, Goethe's, and Shakespeare's dramas. *One hour per week for a year.*

Professor Wenckebach.

Lectures, discussions, reading. Treatment of the historical development of dramatic poetry. Study of the structure of the drama according to Freytag's Technik des Dramas. Analysis of Shakespeare's Romeo and Juliet, King Lear, Macbeth, and Hamlet, and of Schiller's Die Räuber, Don Carlos, Maria Stuart, Die Jungfrau von Orleans, and Goethe's Iphigenie. Reference books: Carrière's Die Poesie; Kleinpaul's Poetik.

15. History of German Literature to 1100. History of the German Language. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, discussions, reading, memorizing of poetry. The aim of the lectures is to trace the parallel development of the language, literature, social conditions, and religious ideals of the times. The works read and discussed are: the Merseburger Zaubersprüche, the Hildebrandslied, the Wessobrunner Gebet, Muspilli, Selections from the Heliand, Otfried's Krist, Roswitha's dramas, the Waltharilied, etc., according to Wenckebach's Deutsche Literaturgeschichte and Musterstücke, Scherer's Geschichte der deutschen Literatur, Freytag's Bilder aus der deutschen Vergangenheit, Könnecke's Bilderatlas.

16. History of German Literature from 1100–1624. *One hour per week for a year.*

Professor Wenckebach.

The course consists of lectures, discussions, reading, memorizing of poetry. The method, aim, and reference books are the same as in the preceding course. Chief topics: The Nibelungenlied, the Gudrunlied, the works of Wolfram, Gottfried, Hartmann, the Minnesingers and Meistersingers, Luther, Brant, Hans Sachs, and the Volkslied. The reading will consist of representative specimens of German mediæval prose and poetry as found in Wenckebach's Meisterwerke des Mittelalters.

*17. Middle-High German. *Open to students who have completed at least courses 5, 6, 7. One hour per week for a year.*

Associate Professor Müller.

Survey of Middle-High German forms and sounds. Translation of Middle-High German epic and lyric poetry into the modern idiom.

18. Nineteenth Century Authors. *One hour per week for a year.*

Miss Habermeyer.

Lectures, discussions, and readings. Study of the more important authors of the nineteenth century in connection with the history of German civilization. Works read: Kleist's, Grillparzer's, and Gutzkow's chief dramas, the poems of Platen, Chamisso, Uhland, Rückert, Lenau, Heine, Freiligrath, Geibel, Hamerling. Reference books: the histories of literature by Kurz, Salomon, Schröer, Gottschall, König.

*19. Lessing as Dramatist and Critic. *One hour per week for a year.*

Professor Wenckebach.

Lectures, discussions, reading, essays. Treatment of Lessing's critical work in literature, theology, and æsthetics. Works read and discussed are: Minna von Barnhelm, Emilia Galotti, Nathan der Weise, the Hamburger Dramaturgie, Laokoön, Erziehung des Menschengeschlechts, Axiomata, Anti-Götze. Reference books: Erich Schmidt's Lessing, Kuno Fischer's Lessing als Reformator der deutschen Literatur, Kuno Fischer, Lessing's Nathan, Baumgart, Handbuch der Poetik.

*20. Schiller as Philosopher and Writer on Æsthetics. *One hour per week for a year.*

Associate Professor Müller.

Study of Schiller through his correspondence with Körner, Goethe, etc., and his philosophic-æsthetic poems and essays. These are read and discussed in class.

21. Goethe's Faust, Parts I. and II. *Two hours per week for a year.*

Professor Wenckebach.

Lectures, discussions, essays. Extensive study of Goethe's Faust (Thomas's and Schröer's editions). Reading of selections from commentators. Contrasting of the Volksbuch von Dr. Faust with Marlowe's Faustus and the Faust-Puppenspiel. Study of the genesis of Goethe's Faust. Comparison of the Göchhausen "Urfaust" and the fragments of 1790, with the completed First Part.

*22. [Deutsches Seminar. *Three hours per week for a year.*

Professor Wenckebach, Associate Professor Müller.

In this course the student will be expected to select special topics relating to some particular period of German literature, and to present the results of critical study or research in connection therewith.]

23. Advanced Conversation. *One hour per week for a year. Open to students who have completed courses 11 and 12.*

Professor Wenckebach.

The object of this course is to give fluency in speaking on literary, historical, and other subjects.

* Not offered in 1899–1900.

24. Studies in Current German Literature. *Open to students who have completed at least four years of German. One hour per week for a year.*

Associate Professor Müller.

The aim of this course is to acquaint the students with the new style of writing, as well as with the thought and life in the Germany of to-day. This will in part be accomplished by reading in standard German magazines, and by a special study of Gerh. Hauptmann's dramas.

For course in Gothic see under Comparative Philology.

The language of the class room is German, except in course 4. In addition to the hearing of lectures in German there will be constant speaking exercises in the class room.

There is a well-selected library of 3,315 German books, to which students in the higher German courses are constantly referred.

IV. ROMANCE LANGUAGES.

1. FRENCH.

1. Elementary Course. Grammar, composition, reading, and conversation. *Open to all students. Freshmen four hours; all other students three hours per week for a year.*

Miss Volkaerts.

Chardenal: Complete Course, ninety lessons; study of the regular and of the commoner irregular verbs; Blouet: Primer of French Composition; Conversation based on French history and other subjects; Belfond: La France Littéraire au XIXe Siècle, No. 3; Legouvé et Labiche: La Cigale chez les Fourmis; Marmier: Le Protégé de Marie Antoinette; Michelet: La Prise de la Bastille. Rollins: French Reader.

2. Elementary Course. Grammar, composition, reading, and conversation continued. *Open to all students who have had the equivalent of course 1. Freshmen four hours, all other students three hours per week for a year.*

Miss Volkaerts, Miss Rensch.

Chardenal: Complete Course; Otto: Materials English into French; Conversation based on French History, and selected subjects; Ernest Lavisse: La Nouvelle deuxième année d'Histoire de France; Labiche: Poudre aux Yeux; De Vigny: La Canne de Jonc; Molière; Le Bourgeois Gentilhomme; Sainte-Beuve: Sept Causeries du lundi.

‡3. Intermediate Course. Grammar and Composition. *One hour per week for a year. Freshmen two hours.*

Miss Schaeys.

Syntax. Drill in letter writing. Short lectures on the formation of the French language, so that the student may become accustomed to take notes on easy French lectures. Borel: Grammaire française; Otto: Materials English into French. Continuation of course 2.

‡ Courses 3, 4 and 5 form together a third year course, and are open to those who have completed the equivalent of courses 1 and 2.

‡4. Intermediate Course. Reading and translation. *One hour per week for a year.*

Miss Leclercq.

Syms: Selected Letters of Madame de Sévigné; Taine: La France contemporaine; Champfleury: Le Violon de Faïence; Loti: Pêcheur d'Islande; Rostand: Cyrano de Bergerac.

The aim of this course is to prepare the student for the reading of more advanced literature.

‡5. Intermediate Course. Conversation and general survey of French Literature. *One hour per week for a year.*

Miss Leclercq.

Bonnefon: Ecrivains Célèbres; Bernard: Le Français Idiomatiques.

6. The Salons and the Classic Drama in the XVII. Century. *Open to students who have completed courses 1–5. Two hours per week for a year.*

Miss Schaeys.

Works read and discussed. Corneille: Le Cid, Horace, Cinna, Polyeucte; Racine: Andromaque, Britannicus, Iphigénie, Phèdre, Athalie. The Novel. Madame de Lafayette: La Princesse de Clèves. Saint-Simon: Readings from the Mémoires. Lectures, reading, recitations, and essays.

7. Advanced Grammar and Composition. *Open to students who have completed the equivalent of courses 1–5. One hour per week for a year.*

Miss Schaeys.

Borel: Grammaire française. Summaries and brief essays.

8. Life and Works of Victor Hugo. *Open to students who have completed the equivalent of courses 1–5. One hour per week for a year.*

Miss Leclercq.

Stapfer: Victor Hugo et Racine; Dupuy: Victor Hugo, L'homme et l'écrivain; Les Misérables, Vol I. and further selections; Quatrevingt-Treize; Hernani, Les Burgraves; Selections from Légendes des Siècles and lyric poems. Lectures, reading, recitations, and essays.

*9. Literature of the XVIII. Century. *Open to students who have completed courses 1–6. Three hours per week for a year.*

Miss Leclercq.

Lectures, discussions, summaries, essays, retranslation into French of passages selected from Voltaire, Montesquieu, Rousseau, and others. Study of Literary Phases of the XVIII. century, Drama, Novel; Voltaire, Beaumarchais, Marivaux, Le Sage, Rousseau.

*10. Literature of the XIX. Century. *Open to students who have completed courses 1–6 and 9 or 12. One hour per week for a year.*

Mr. La Meslée.

Study of the principal authors of the 19th century, and of contemporary literature. Lyric poetry, the Drama, and the Novel. Lectures, critical reading, and papers.

* Not offered in 1899–1900.

*11. Introductory studies in Old French and Old French Literature. *Open to juniors and seniors by permission of the department. Two hours per week for a year.*

Miss Schaeys.

Translation into Modern French from: La Chanson de Roland; selections from Chrétien de Troyes; Aucassin et Nicolette; La Vie de St. Alexis. History of Literature up to the beginning of the 13th century. Gaston Paris: Manuel de la littérature française du moyen âge. Lectures, additional reading, papers. Course 11 will be offered in 1901.

12. The Comedy in the XVII. Century. *Open to students who have completed courses 1–6. Two hours per week the first semester.*

Miss Schaeys.

Works read and discussed. Corneille: Le Menteur; Racine: Les Plaideurs; Life and works of Molière: Les Précieuses Ridicules, Les Femmes Savantes, Le Misanthrope, Le Tartuffe.

Lectures, collateral reading, recitations, essays.

*13. Romanticism and Naturalism in the XIX. Century. *Open to students who have completed courses 1–6, and 9 or 12. Two hours per week for a year.*

Mr. La Meslée.

Study of the principal works. Lectures, critical reading, and papers.

14. Literature of the XVI. Century. *Open to students who have had courses 1–6. Two hours per week the second semester.*

Miss Schaeys.

Study of Italian influences: The Renaissance; Marot; the Pleïade; beginnings of the classic drama; Rabelais; Montaigne; the Reformation; Calvin.

Lectures, collateral reading, recitations, essays.

15. Middle Age Romance Literature. *Open to students who have completed courses 1–6 and course 9 or 12. Three hours per week for a year.*

Mr. La Meslée.

The rise and development of epic literature in mediæval Europe. A study in comparative literature based on the French cycles, with special reference to the Romanic languages.

Lectures, discussions, reading, and papers.

†16. Reading Course. *Open to students who have met the "minimum B" requirement in French. Freshmen four hours; all other students three hours per week for a year.*

Miss Volkaerts.

The object of this course is to give the student, through the medium of translation, such a knowledge of French as shall be useful in the study of history, literature and the natural sciences.

* Not offered in 1899–1900.

† Withdrawn for the current year.

17. Time, Life, and Works of Lafontaine. *Open to students who have completed courses 1–5. One hour per week for a year.*

Miss Rensch.

Special attention is given to the history of fables, to the influence of the classics, and the general conception of the fable.

Lectures, reading, recitations, essays.

II. ITALIAN.

1. Elementary Course. *Open to sophmores, juniors, and seniors. Three hours per week for a year.*

Miss Jackson.

Grammar with written and oral exercises; reading and sight translation; conversation.

†2. Intermediate Course. *Open to students who have completed course 1. Three hours per week for a year.*

Miss Jackson.

Grammar; prose composition; reading and translation at sight in the first semester from modern authors; in the second semester, selections from the classic authors.

*‡3. History of Italian Literature in the XIII. and XIV. Centuries. *Open to students who have completed courses 1 and 2, or equivalents. Three hours per week for a year.*

Miss Jackson.

*‡4. History of Italian Literature in the XIX. Century. *Open to students who have completed courses 1 and 2, or equivalents. Three hours per week for a year.*

Miss Jackson.

5. Dante and the early Italian Renaissance. English Course. *Open to juniors and seniors. Three hours per week for a year.*

Miss Jackson.

First semester: Dante's Divine Comedy (in English translation) and the conditions of the age which produced it.

Second semester: The early Italian Renaissance as expressed in the works of Petrarch, Boccaccio, Nicolo Pisano, Arnolfo, and Giotto.

A knowledge of Italian is not required.

III. SPANISH.

*1. Elementary Course. *Open to juniors and seniors. Three hours per week for a year.*

Ramsay: Spanish Grammar and Syntax; written and oral exercises; reading and translation; Valera: El Pájaro Verde; Galdos: Marianela; chapters from Doña Perfecta; Alarcón; Viajes por España; Selections from Cervantes.

* Not offered in 1899–1900.

† Withdrawn for the current year.

‡ Courses 3 and 4 will not both be given in the same year.

V. ENGLISH.

1. General Survey. *Required of Freshmen. One hour per week for a year.*
Associate Professor Hart, Dr. Lockwood, Miss Bates.

First semester: the elements and qualities of style; weekly themes. Second semester: translation; description; narration; criticism. Six lectures on certain English authors regarded as masters of style. Fortnightly themes.

2. Exposition and Criticism. *Required of sophomores. Two hours per week for a year.*
Miss Waite, Miss Rumsey.

First semester: analysis of the essay; exercises in condensation; fortnightly themes. Second semester: analysis of the short story; study of the relations of plots; criticism of literary elements of form: five themes.

3. Argumentative Composition. *Required of juniors. One hour per week for a year.*
Miss Kelsey, Miss McCaulley.

Forensics preceded by briefs; class discussion of briefs and forensics; illustrations from masterpieces of argumentation.

8. Studies in Verse Forms. *Open to juniors and seniors. Two hours per week for a year.*
Miss Waite.

Lectures on the theories and history of English verse forms, Epic, Dramatic, and Lyric; illustrated by class reading and discussion.

6. Advanced Course in English Composition. *Open to seniors. Two hours per week for a year.*
Associate Professor Hart.

One theme or its equivalent per week. Long themes at stated intervals. Critical analysis in the class room of themes submitted.

10. The Theory and History of Criticism. *Open to juniors and seniors. One hour per week for a year.*
Associate Professor Hart.

Lectures on Plato, Aristotle, Sidney, Ben Jonson, Dryden, Pope, Boileau, Addison; the more important 19th century critics in England, and Sainte-Beuve, Taine, Hennequin, Brunetière in France.

11. History of the English Language. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*
Miss Waite.

Lounsbury's English Language; Skeat's Etymological dictionary; lectures on questions of usage in English speech.

For course in Old English see under Comparative Philology.

VI. COMPARATIVE PHILOLOGY.

1. General introduction to the Science of Language. *Open to seniors, and to juniors by permission of the instructor. Three hours per week for the first semester.*

Associate Professor Edwards.

Lectures and discussions. Nature of language and principles of its life and growth; outline studies in phonetics; classification of languages; groups of Indo-European languages with chief characteristics.

*2. Introduction to the Science of Comparative Philology. *Open to seniors, and to juniors by permission of the instructor. Three hours per week for the second semester.*

Associate Professor Edwards.

3. Comparative Grammar of Greek and Latin. *Open to seniors, and to juniors by permission of the instructor. Three hours per week for the second semester.*

Associate Professor Edwards.

Historical treatment of the sounds and inflections of Greek and Latin in relation to other Indo-European languages.

†4. Historical Latin Grammar; Syntax. *Open to graduates and seniors who have completed three full courses in Latin. Three hours per week for a year.*

Associate Professor Hawes.

Lectures on the history of work in Latin syntax especially during the present century. The course will be devoted mainly to the syntax of the verb, considering the primitive meaning and historical development of the modes and tenses. Students will be expected to summarize and compare the discussions of the subject in the most important grammars and treatises, and also to collect material for the study of special problems in Latin syntax.

5. Sanskrit. *Open to seniors, and to juniors by permission of the instructor. Three hours per week for a year.*

Associate Professor Edwards.

†6. Gothic. *Open to seniors (and to juniors by permission of the instructor) who offer at least a reading knowledge of German. One hour per week for a year.*

Associate Professor Müller.

Reading of Ulfilas with constant reference to the syntax, phonology, and etymology of the language. Presentation of fundamental principles in Germanic philology.

†7. Old English. *Open to seniors who have completed English Literature 16 or English 11 or their equivalent. Two hours per week for a year.*

Dr. Lockwood.

Sievers Cook's Grammar; Cynewulf: the Crist; the Elene, the Juliana.

* Not offered in 1899–1900.

† Withdrawn for the current year.

VII. BIBLICAL HISTORY, LITERATURE AND INTERPRETATION.

I. HEBREW.

1. Elementary Hebrew. *Open to juniors and seniors. Three hours per week for a year.*

Miss Sanderson.

An inductive study of the elements of Hebrew and principles of syntax in connection with the text of the first eight chapters of Genesis. Word lists and sight translation; Harper's Introductory Hebrew Method; Harper's Hebrew Syntax. Reading from the book of Ruth and other selected passages during the second semester.

II. OLD TESTAMENT.

1. Studies in Hebrew history from the settlement of Canaan to the Age of Solomon. *Required of freshmen. One hour per week for a year.*

Professor Woolley.

2. Studies in Hebrew history from the Age of Solomon to the Fall of Jerusalem. *Required of sophomores. One hour per week for a year.*

Miss Locke, Miss Sanderson.

III. NEW TESTAMENT.

2. The Historical Development of New Testament Thought. *Open to juniors. Two hours per week for a year.*

Mr. Drown.

A course in general introduction to the New Testament writings, studying them in their historical setting and paying special attention to the development of their thought. Lectures, reading, and essays.

*3. The Regenerating Life of the Christ. *Open to juniors. Two hours per week for a year.*

Professor Morgan.

The Bible presentation of the history of man's degeneration and of the beginning of regeneration through Jesus Christ. Interpretations through modern history and literature of the Scripture accounts; the basis of the Christian religion compared with the basis of other religions.

4. Life of Christ. *Open to juniors. Two hours per week for a year.*

Miss Locke.

This course includes an outline study of the life of Christ, — his land, people, and times, — and a special study of his teachings.

5. Greek Testament I. Life of Christ; text study of the Gospels; special study of the Gospel of St. John; lectures. An elective in Bible study for juniors. *Open to students who have completed course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

* Not offered in 1899–1900.

†6. Greek Testament II. Life and writings of St. Paul; text study of the Acts and Epistles; lectures. An elective in Bible study for seniors. *Open to students who have completed course 1 of classical Greek. Two hours per week for a year.*

Professor Chapin.

†7. Sources of New Testament Greek in the Septuagint. Quotations from the Old Testament in the New; lectures. Illustrative readings, chiefly from the Psalms in Greek. *Open to students who have completed Greek Testament I. One hour per week for a year.*

Professor Chapin.

*9. History of Christianity and of the Christian Church during the first three centuries of the Christian Era. *Open to juniors. Two hours per week for a year.*

Professor Woolley.

10. History of Christianity and of the Christian Church from the fourth century, A. D., to the sixteenth. *Open to seniors. Three hours per week for a year.*

Professor Woolley.

11. The Interpretation of the Gospel and Epistles of John. A discussion of the authorship, date, and purpose of the writings, with a detailed study of the meaning of the text. *Open to juniors. Two hours per week for a year.*

Mr. Rhees.

VIII. ENGLISH LITERATURE.

1. Outline History of English Literature. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Associate Professor Jewett and Dr. Bowen.

This course endeavors to trace briefly the history of the development of English literature from its beginning to the present. The historical work will be supplemented by critical study of a few masterpieces. A syllabus for this course is sold by the department.

2. English Prose to 1830; Critical studies. *Open to students who have taken or are taking course 1. Three hours per week for a year.*

Dr. Bowen.

First semester: The development of the novel, traced by close study of masterpieces in successive periods. Second semester: Critical study of one prose author in each of the great periods of English prose.

* Not offered in 1899–1900.

† Withdrawn for the current year

3. Studies from Elizabethan and from Eighteenth Century Literature. *Open to students who have completed two full courses, or who have completed one and are taking a second. Three hours per week for the year.*

First semester, Associate Professor Jewett.
Second semester, Associate Professor Scudder.

First semester: A study of non-dramatic Elizabethan poetry, chiefly of Spenser, and of Spenser's position in the literature of the Renaissance. Brief studies in contemporary lyric poetry and verse criticism. Lectures, class discussions, brief papers. Second semester: Representative authors of the Eighteenth Century. Emphasis on Pope and Swift, on Johnson, on Cowper, Burns and Blake. Lectures on the literary and intellectual conditions of the Eighteenth Century. Class discussion of texts.

4. Epic and Lyric Poetry in English Literature: Emphasis on Milton. Critical studies. *Open to students who have taken or are taking course 1. Three hours per week for a year.*

Dr. Luce.

First semester: The poetry of Milton and the development of the English epic from Beowulf to Morris. Second semester: The development of the English lyric. Emphasis on the work of the Elizabethan and the Cavalier poets. Study of the characteristics of prose diction in Milton and other masters.

5. American Literature. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Professor Bates.

6. Victorian Prose. *Open to students who have completed as directed below two previous courses. Three hours per week for a year.*

Associate Professor Scudder.

The modern novel, from Dickens to Meredith, is studied as a literary form and an expression of contemporary life. Essayists from Carlyle to Pater are discussed in their criticism of art, society, and religion.

7. English Poetry of the XIX. Century. *Open to students who have completed, as directed below, two previous courses. Three hours per week for a year.*

Associate Professor Jewett.

This course considers the work of the greater Georgian and Victorian poets in their relation to one another and to contemporary movements, political, social, ethical, and æsthetic. A syllabus of topics and references may be obtained from the department.

8. English Literature of the XIV. Century. *For conditions of entrance, see statement below. Three hours per week for a year.*

Dr. Luce.

This course includes the close study of a portion of Chaucer's work, with reading and discussion of the rest. The stages of his development are noted. Volume II. of the "Specimens of Early English," edited by Morris and Skeat, is supplemented by Skeat's edition of Langland's "Piers the Plowman" and by the publications of the Early English Text Society. A syllabus for the Chaucer work can be procured of the department.

9. English Drama through Shakespeare. *For conditions of entrance, see statement below. Three hours per week for a year.*

Professor Bates.

This course attempts to trace the dramatic evolution from the Easter Mystery to Shakespeare, to observe the structure and artistic principles of the Elizabethan drama, and to study closely a few of Shakespeare's plays, with reading and discussion of the others. A syllabus sold by the department furnishes data for the work.

10. Historical Development of English Literature. *For advanced students. For conditions of entrance, see statement below. Three hours per week for a year.*

Associate Professor Scudder.

This course makes a comparative study of the great literary periods. The development of literary forms is traced, the interplay of native and foreign influences noted, and the chief men of each period are briefly studied in relation to the age. The aim of the work is to fill up gaps between other courses, and to give a rapid synthetic survey of English literature in its development.

*11. [Shelley and Browning. *Seminary. Three hours per week for a year.*]

Associate Professor Scudder.

12. [English Drama: Shakespeare's Successors. *Seminary. Three hours per week for a year.*]

Professor Bates.

This course proposes the study of the Jacobean Drama, Restoration Drama, and the stage and closet drama of the last two centuries. The authors emphasized in the first division are Jonson, Beaumont and Fletcher, Massinger, Chapman, Ford, Webster, Milton; in the second, Dryden, Otway, Congreve; in the third, Steele, Goldsmith, Sheridan, Shelley, Landor, Swinburne, Browning. A syllabus sold by the department provides a working basis.

14. English Masterpieces of the XIX. Century. *Open only to seniors who have completed previously no full course in English Literature, or course 1 only. Three hours per week for a year.*

Dr. Luce.

Lectures, discussions.

16. Old English Literature of the Anglo-Saxon and Anglo-Norman Periods. *Open to freshmen only. Four hours per week for a year.*

Dr. Bowen.

The purpose of this course is to study chosen masterpieces of English literature from the seventh to the fourteenth century. Bright's Anglo-Saxon Reader, Wyatt's edition of Beowulf, and Morris and Skeat's Specimens, Volume I., are read.

The courses are elective, with the following restrictions: —

Students proposing to elect a single full course must take 1, with the exception of seniors desiring course 14, and of freshmen, to whom 16 is the only course open.

* Not offered in 1899–1900.

Students proposing to elect two courses only, should take 1, followed by one of the courses designed for the training of the literary sense, 2 or 4, with the exception of seniors desiring course 14.

Students proposing to elect a three-course major should take the initial historical course 1; then one of the courses for literary training, 2 or 4, and finally one of the courses presenting literary epochs, 3, 6, 7, 8, or 9.

Students proposing to elect a four-course major, should make one of the following combinations:

A.	16, 8, 9.	6 or 7 or 3.	C.	8, 9.	6 or 7 or 3. 10.
B.	16, 8, 3.	6 or 7 or 9.	D.	8, 3.	6 or 7 or 9. 10.

The seminaries are open to graduates, and, rarely, to approved undergraduates and special students.

Either half of any one of courses 2, 3, 4, 6, 7, may be taken as a complete semester course, by permission of the department.

IX. PHILOSOPHY.

*1. Psychology as introductory to the Philosophy of Art; Studies in Æsthetics and Ethics. *Open to juniors and seniors, and to sophomores by permission of the department. Three hours per week for a year.*

Professor Morgan.

For students who have already completed a semester in psychology, studies in the interpretations of life in mythology and in art, illustrating the abstractions explained in Münsterberg's "Psychology and Life," may be substituted for the elementary psychology in course 1.

‡5. Psychology and Ethics. *Open to juniors and seniors, and to sophomores by permission of the department. Three hours per week for a year. The work of the second semester may be elected without that of the first by students who have taken a semester of psychology.*

Professor Calkins.

First semester: General Psychology. Analysis and classification of the phenomena of consciousness. Second semester: Ethics. Analysis of the consciousness of duty and of obligation; lectures on the development of ethical ideals and systems; discussion of the application of ethical principles to the problems of individual and social life.

‡6. Introduction to Philosophy. *Open to juniors and seniors, and to sophomores by permission of the department. Three hours per week for the second semester.*

Associate Professor Case.

Lectures, discussions, and papers. Elementary study of philosophical problems, as presented by the great thinkers of modern times. Examination of the relation of the various departments of philosophy to one another and to psychology. Reading of Locke's Essay concerning Human Understanding (parts of Books II. and IV.), and Berkeley's Principles of Human Knowledge.

* Not offered in 1899–1900.

‡ In 1899–1900 the requirement in philosophy for a degree may be met by electing course 5, or 5 (first semester) and 6 or 7 (second semester).

‡7. Experimental Psychology. *Open to students who have completed a semester of psychology. Three hours per week for the second semester.*

Dr. Gamble, Professor Calkins.

Laboratory work under supervision: experiments in sensation and affection, in reaction-times, and in attention, association and memory. Lectures to explain and to supplement experimental observations and conclusions. Written reports of experimental work. Sanford: Course in Experimental Psychology.

15. Advanced Psychology. *Open to students who have completed course 7 and to others by permission. Three hours per week for a year. The work of either semester may be taken without that of the other.*

Dr. Gamble, Professor Calkins.

Experimental investigation, by individual students, of special problems; written reports. Lectures on psychological theory, method, and experimental results. Discussions of current literature. Reference to Wundt: *Grundzüge*, or to Külpe: Psychology, and to selected chapters and essays from psychological monographs and journals.

This course may be taken by the same student in successive years.

16. Social Philosophy. *Open to students who have completed a semester of psychology. Three hours per week for the second semester.*

Associate Professor Case.

Lectures, reports of collateral reading. Preliminary study of social psychology; lectures on the development of society, on social institutions, and on the relation of society to its environment.

8. General History of Philosophy. *Open to students who have completed, or are taking, the required course in philosophy. Three hours per week for a year. By permission of the instructor, either semester may be taken without that of the other.*

Associate Professor Case.

Lectures on the development of thought in Europe, collateral reading, class discussions, occasional essays. First semester: ancient philosophy. Fairbanks: First Philosophers of Greece. Selections from Plato (Theaetetus entire). Second semester: modern philosophy. Selections from Descartes, Locke, Berkeley (Principles of Human Knowledge entire), Kant.

9. Locke, Berkeley, and Hume; Kant and Schopenhauer. *Open to students who have completed the required course in philosophy. Three hours per week for a year. By permission of the instructor the work of the second semester may be taken without that of the first.*

Professor Calkins.

Lectures and discussions. Text study of Locke's Essay concerning Human Understanding (Books II. and IV.); Berkeley's Principles of Human Knowledge and selections from the Dialogues; Hume's Treatise on Human Nature (Book I.); Kant's Critique of Pure Reason and Metaphysic of Ethics; Schopenhauer's Four-fold Root. Lectures on Leibnitz and on post-Kantian idealism. An essay from each student on some topic of the Critique of Pure Reason.

10. Greek Philosophy. *Open to students who have completed course 8 or 9. Three hours per week for a year.*

Associate Professor Case, Professor Calkins.

Lectures, reports of special study, discussions. Text study of fragments of pre-Socratic philosophers (Fairbanks); of Plato: Theaetetus, Phaedo, Sophist, Parmenides (in part), Symposium, Phaedrus, Republic, and Timaeus (Jowett's translation with comparison of the Greek text); of Aristotle: Metaphysics, books 1–6 (selections), 8 and 10 (Bonitz or Macmahon, with comparison of the Greek text); Psychology (Watson). Brief study of the Nicomachean Ethics; and of later philosophical systems.

*11. Post-Kantian German Philosophy. *Open to students who have completed course 8 or 9. Three hours per week for a year.*

Professor Calkins.

Subject of the course varied from year to year; in 1898–99, Hegel: Introductions and selected chapters of History of Philosophy and Philosophy of Religion; Larger Logic, Book I. Quality (Stirling); Logic of the Encyclopedia (Wallace).

*13. Advanced Ethics. *Open to students by special permission from the instructor. Three hours per week for a year.*

Subject of the course varied from year to year; in 1898–99: the Ethic of Spinoza; Kant's ethical system and the English utilitarian school as represented by Mill and Sidgwick.

*3. The Regenerating Life of the Christ. *Open to juniors and seniors. Two hours per week for a year.*

Professor Morgan.

The Bible presentation of the history of man's degeneration, and of the beginning of regeneration through Jesus Christ. Interpretations through modern history and literature of the Scripture accounts; the basis of the Christian religion compared with the basis of other religions.

*12. The Philosophy of Religion derived through Studies in the History of Religions. *Open to students prepared by a general elementary course in philosophy. Three hours per week for a year.*

Professor Morgan.

Psychological investigation of the religious instincts and intuitions; the evolution of systems of religion; discussion of theories proposed to account for the differentiation of the historic types of religion; the embodiment of the national religion of Greece in mythology and art; the characteristics of Christianity in which it differs from all other religions.

†4. Logic. *Open to sophomores, juniors, and seniors. Three hours a week for the first semester.*

Associate Professor Case.

Outline of the theory of deduction and of induction. Problems in argumentation and in criticism. Creighton's Introductory Logic.

* Not offered in 1899–1900.

† Withdrawn for the current year.

*2. The Philosophy of the Beautiful and History of Æsthetics. *Open to juniors and seniors. Three hours per week for a year.*

Professor Morgan.

Hegel's theory regarding beauty compared with other phases in the history of æsthetics; psychological investigation of the nature of imagination, with verification in the biographies of artists; application of principles of æsthetics studied in a series of compositions selected from each of the several arts: architecture, sculpture, painting, music, and literature.

Students who intend taking 2 or 1 after 1898–99 will do well to elect in preparation some course offered in the Art Department or course 3 or 5 in Theory of Music.

X. HISTORY AND ECONOMICS.

I. HISTORY AND POLITICAL SCIENCE.

‡1. Political History of England to 1603. *Open to freshmen, sophomores, and juniors, and to seniors who have taken no college course in history. Freshmen four hours, all others three hours per week for the first semester.*

Associate Professor Kendall.

‡2. Political History of England from 1603 to the present time. *Open to sophomores, juniors, and seniors, and to freshmen who have completed course 1, or who offered English History as an entrance subject. Freshmen four hours, all others three hours per week for the second semester.*

Associate Professor Kendall.

Emphasis is placed on political, social, and industrial conditions in relation to race development.

‡3. History of Europe from the Roman conquest to the Peace of Utrecht. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Dr. Scofield.

This course furnishes an outline of mediæval and early modern history, and deals with the simpler political and social problems. It aims to train students in methods of historical work, and to furnish a background for detailed study of particular epochs.

4. History of the French Revolution. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Orvis.

This course involves (1) an introductory discussion of the causes of the Revolution as developed in the reign of Louis XV.; (2) a detailed study of the progress of the Revolution and of the reaction against democratic tyranny culminating in Imperialism; (3) an inquiry into the influence of revolutionary ideas in the subsequent history of France, Germany, Austria, Italy, Spain, and Russia.

* Not offered in 1899–1900.

‡ Courses 1 and 2, or 3, are prerequisite to later election.

5. Constitutional History of England to 1485. *Open to juniors and seniors. Three hours per week for the first semester.*

Dr. Scofield.

A study of the origin and early development of the English constitution. Stubbs is the principal authority. The class has recourse to the text of charters and laws.

6. Constitutional History of England from the accession of the Tudors. *Open to juniors and seniors. Three hours per week for the second semester.*

Dr. Scofield.

A study of the later development of the English constitution, the rise of party and cabinet government, and the establishment of popular control.

7. History of the United States from 1787. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Kendall.

A study of the formation and development of the constitution of the United States, with special reference to controlling forces, such as the organization of parties, the growth of democracy, the rise of the slave power, the political effects of the development of the West. The exercises consist of lectures by the instructor and reports by the students on topics assigned for individual study.

*8. Mediæval Institutions. *Open to students who shall satisfy the instructor of their fitness for the work. Three hours per week for a year.*

The course consists partially of lectures, but chiefly of the discussion of papers to be written by the students. The period covered extends from Charlemagne to the Peace of Westphalia. A knowledge of German as well as of Latin will be of advantage.

9. History of Modern Germany from the Reformation to the present day, with special attention to the reign of Frederick the Great and to the work of Bismarck. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Orvis.

This course will be conducted by lecture, but special topics will be assigned to students, on which independent work is expected. A working knowledge of the German language will be of great use.

*10. Origin of American institutions. *Open to students who have completed courses 5 and 6, or 7. Three hours per week for the first semester.*

Associate Professor Kendall.

The aim of this course is the investigation of the origin and early development of American institutions, based on a study of original sources. To each student will be assigned a topic for special investigation. The exercises will consist of lectures by the instructor, and the analysis and discussion of important documents by the class.

* Not offered in 1899–1900

*11. Political Science. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Kendall.

This is an introductory course in the comparative study of the origin, character, development, and aim of political institutions. The work will take the form of lectures and discussions, with parallel readings. In addition, each member of the class will be expected to write a thesis on some subject assigned to her for special study.

12. Growth of the British Empire. *Open to juniors and seniors who have completed courses 1 and 2, or 5 and 6. Three hours per week for the second semester.*

Associate Professor Kendall.

A consideration of the history of the building of the Empire, of the development of colonial administration, and of the influence of the Empire upon foreign relations.

II. ECONOMICS.

1. Elements of Economics. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Miss Balch.

An introductory course, designed to train the student to apprehend and analyze industrial phenomena.

2. Industrial History of the United States. *Open to students who have completed course 1. Three hours per week for the second semester.*

Professor Coman.

A study of the national development in its material and social aspects, accompanied by a critical review of our economic legislation, commercial and financial.

3. Industrial History of England. *Open to students who have completed courses 1 and 2. Three hours per week for the first semester.*

Professor Coman.

A study of the successive phases of industrial organization, with a view to tracing this aspect of social evolution.

*4. Socialism. *Open to students who have completed courses 1, and 5 or 8. Three hours per week for the second semester.*

Miss Balch.

A study of socialist theories, "Utopian" and "Scientific," in their historical development, with some consideration of modern socialist parties, and especially of German Social Democracy.

*5. Statistical study of certain economic problems in the industrial history of the United States. *Open to students who have completed courses 1 and 2. Three hours per week for the first semester.*

Professor Coman.

The course is introduced by lectures on the principles of statistical research. Each member of the class undertakes the investigation of a particular problem, and reports the results of her inquiry to the class. The graphic method of presenting statistical results is emphasized.

* Not offered in 1899–1900

6. Social Economics I. *Open to students who have completed courses 1 and 2. Three hours per week for the first semester.*

Miss Balch.

A study of the defective, dependent, and delinquent classes, accompanied by discussion of the methods of dealing with each.

7. Social Economics II. *Open to students who have completed courses 1 and 2. Three hours per week for the second semester.*

Miss Balch.

A discussion of methods of meeting certain normal social needs, such as sanitation, housing, household economy, education, recreation, and thrift.

8. Labor Problems in the Nineteenth Century. *Open to students who have completed two courses in Economics. Three hours per week for the second semester.*

Miss Balch.

A study of the modern industrial situation and of methods of meeting its difficulties such as labor legislation, trade unionism, profit sharing and co-operation, insurance and pension schemes, and socialism.

XI. PURE MATHEMATICS.

1. Required course for freshmen. *Four hours per week for a year.*

(*a*) Solid and Spherical Geometry. *Three hours, first semester.*

(*b*) Higher Algebra. *One hour, first semester; two hours, second semester.*

The subjects emphasized are Determinants, Convergency of Series, Logarithms, and Theory of Equations (including Sturm's Theorem).

(*c*) Plane Trigonometry. *Two hours, second semester.*

Associate Professor Chandler, Miss Merrill, Miss Denis, Miss Hardee.

2. (*a*) Plane Analytical Geometry. *Three hours, first semester; two hours, second semester.*

(*b*) Analytical Trigonometry. *One hour, second semester. Open to students who have completed course 1.*

Acting Professor Burrell, Associate Professor Chandler.

3. Differential and Integral Calculus. *Open to students who have completed course 2. Three hours per week for a year.*

Acting Professor Burrell.

One hour per week during the second semester will be given to lectures on topics of kindred interest and of general value in analytical work.

†4. Theory of Equations, with Determinants (Burnside and Panton). *Open to students who have completed course 3. Three hours per week, first semester.*

Associate Professor Chandler.

† Withdrawn for the current year.

*5. Solid Analytical Geometry (C. Smith). *Open to students who have completed course 3. Three hours per week, second semester.*

Associate Professor Chandler.

*8. Projective Geometry. *Open to seniors who have completed course 2; and to juniors by permission of the instructor. Three hours per week for a year.*

Acting Professor Burrell.

A lecture course, following the general method of Reye's Geometrie der Lage.

†9. Differential Equations (Johnson). *Open to students who have completed course 4. Three hours per week, second semester.*

Associate Professor Chandler.

*11. Higher Plane Curves. *Open to students who have completed course 4. Three hours per week, first semester.*

Miss Pendleton.

An introduction to the theory of plane algebraic curves.

6. Modern Synthetic Geometry. *Open to students who have completed course 2. Three hours per week, first semester.*

Acting Professor Burrell.

Modern geometry of the triangle; projective and metrical properties of plane and sheaf forms of the first and second orders; involution; theory of poles and polars; reciprocation. Given by lectures and references.

7. Geometry of Space. *Open to students who have completed courses 3 and 6. Three hours per week, second semester.*

Acting Professor Burrell.

The subject will be treated both by the analytic and synthetic method. For the analytic work C. Smith's Solid Geometry will be used as a text-book. The synthetic work of course 6 will be continued by lectures.

10. Differential Equations (Forsyth). *Open to students who have completed course 4. Three hours per week for a year.*

Associate Professor Chandler.

Advanced course, intended primarily for graduate students.

XII. APPLIED MATHEMATICS.

1. Elementary Mechanics. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Hayes.

2. Elementary Mathematical Astronomy. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Professor Hayes.

The course forms a suitable basis for further study in astronomy, either mathematical or general. Text-book: Barlow and Bryan's Elementary Mathematical Astronomy.

* Not offered in 1899–1900.

† Withdrawn for the current year.

†3. Thermodynamics. *Open to students who have completed courses 1 and 4. Three hours per week for the second semester.*

Professor Hayes.

†4. Theoretical Mechanics; advanced course. *Open to students who have completed course 1. Three hours per week for the first semester.*

Professor Hayes.

5. Geodynamics. *Open to students whom the department judges to be properly qualified. Three hours per week for the second semester.*

Professor Hayes.

The chief subjects treated are: Precession, Nutation; Form, Size, Density of the Earth; Thermal condition of the Earth; Tides.

6. Theoretical Astronomy. *Open to students who have completed courses 1 and 2. Three hours per week for a year.*

Professor Hayes.

Theory of the determination of orbits; determination of a parabolic orbit. Method of Least Squares; Perturbations.

Text-book: Watson's Theoretical Astronomy. For reference: Gauss's Theoria Motus; Oppolzer's Lehrbuch zur Bahnbestimmung; Dziobek's Planetenbewegungen.

7. Principles of Inference. *Open to juniors and seniors. Three hours per week for a year.*

Professor Hayes.

A course in logic especially designed for students of mathematics and science. Material for study will be drawn from masterpieces of scientific writing and from current scientific literature.

XIII. CHEMISTRY.

1. General Chemistry. *Open to all undergraduates. Freshmen four hours per week for a year. All other students, three hours per week for a year.*

Associate Professor Bragg, Miss Penny.

Course 1 is for beginners in Chemistry, and is intended to familiarize the student with the important properties of the elements — especially the non-metallic ones — and their compounds, with their modes of preparation, and with such tests as shall lead up to the study of systematic Qualitative Analysis; also to present the laws governing chemical reactions, the meaning of chemical equations, and the more recent theories adopted in the science.

All of the more simple experiments are performed by the student herself in the laboratory.

† Withdrawn for the current year.

2. Qualitative Analysis. *Open to students who have completed course 1. Three hours per week for the first semester.*

Miss Jackson.

This course supplements course 1 by presenting the properties and characteristic reactions of the metallic elements. Practical methods of separating and recognizing the elements present in simple mixtures are taught, and the progress of the student is constantly tested by the examination of simple substances, the exact composition of which is unknown to the student.

3. Organic Chemistry. *Open to students who have completed course 1. Three hours per week for the second semester.*

Miss Penny.

This course includes a somewhat careful study of the saturated series, dealing very briefly with the unsaturated and benzene series. Experiments are performed in the laboratory to illustrate the behavior of representative substances, and a limited number of preparations are made to familiarize the student with the more common processes of Organic Chemistry.

4. Qualitative Analysis. *Open to students who have completed course 1. Three hours per week for the year.*

Miss Penny.

5. Quantitative Analysis. *Open to students who have completed course 2 or 4. Three hours per week for the second semester.*

Miss Jackson.

In this course a few typical processes involving both volumetric and gravimetric methods will be taught, to illustrate general principles of Quantitative Analysis.

*6. Advanced Quantitative Analysis. *Open to students who have completed course 5. Three hours per week for the first semester.*

This course is a continuation of course 5, and deals with more special methods of work and practical applications.

7. Organic Chemistry, with laboratory work in organic preparations. *Open to students who have completed two years' work in Chemistry. Three hours per week for a year.*

Associate Professor Bragg.

*8. Theoretical Chemistry. *Open to students who have completed course 1. Three hours per week for the first semester.*

Professor Roberts.

*9. Stereo-Chemistry and Laboratory work in connection with Theoretical Chemistry. *Open to students who have completed courses 3 or 7, and 8. Three hours per week for the second semester.*

Professor Roberts, Associate Professor Bragg.

* Not offered in 1899–1900.

XIV. PHYSICS AND PHYSICAL ASTRONOMY.

1. General Physics. *Open to all undergraduates. Freshmen four hours, others three hours per week for a year.*

Miss Davis, Miss Langford.

This course is intended for students who are beginning Physics. It consists of lectures amply illustrated, followed by laboratory work. The object is to outline the elementary principles of Mechanics, Sound, Electricity, and Light, to train the powers of observation, and to teach proper methods of recording observations.

2. Laboratory Work. *Open to sophomores, juniors, and seniors by permission of the department. One hour per week for a year.*

Miss Davis.

3. Heat, Light, and Electricity. *Open to students who have completed course 1 or an equivalent. Freshmen four hours, all other students three hours per week for a year.*

Professor Whiting, Miss Langford.

The course is intended, by experimental work and consultation of original memoirs, to acquaint the student with the methods of original investigation; also to give practice in the preparation of subjects and their presentation before others, with suitable illustration.

The course is desirable for all who wish to prepare to teach Physics.

†4. Selected subjects in Light and Electricity, mathematically treated. *Open to seniors who have completed course 3, and also course 3 in Pure Mathematics. Three hours per week for a year.*

Professor Whiting.

Text-books: Preston's Theory of Light, and J. J. Thomson's Mathematical Theory of Light and Electricity.

5. Advanced Laboratory Work. *Open to students who have completed course 3. Three hours per week for a year.*

Professor Whiting, Miss Langford.

Advanced work upon the spectrum, polarized light, interference phenomena, absolute measurements in electricity and magnetism. Special problems assigned; constant reference to original sources.

*‡6. Meteorology. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Professor Whiting.

Text-book: Davis's Meteorology. The course is accompanied by constant reference to original papers, by the solution of inductive problems from the weather maps and records of observations. Familiarity is gained with the use of standard instruments, including the self-recording thermometer, barograph, anemometer, and anemoscope.

* Not offered in 1899–1900.

† Withdrawn for the current year.

‡ An elementary course in Physics, either in college or in secondary school, is prerequisite to courses 6 and 7.

‡7. Physical Astronomy. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Whiting.

Text-book: Young's General Astronomy. Ample opportunity for laboratory work is offered by the Whitin Observatory, where dome, transit, and spectroscope room are provided with instruments from the best makers for both the astronomy of measurement and astro physics.

XV. GEOLOGY AND MINERALOGY.

1. Geology. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Niles, Miss Fisher.

Lectures, recitations, and field-work. Subjects treated: Dynamical Geology, Structural and Historical Geology.

A systematic and comprehensive study of the more important teachings of geological science.

2. Mineralogy. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Miss Fisher.

Lectures and recitations. Laboratory study of sets of specimens of the more important mineral species. Blow-pipe analysis. Crystallography. A reference collection is always available for students' use.

3. Advanced Geography. *Open to students who have completed one year of science. Three hours per week for the second semester.*

Professor Niles, Miss Fisher.

Lectures, recitations, and two laboratory appointments per week for map-study. This course comprises a comparative study of the geographic features of the continents. It also discusses the influence which these features have upon the life, habits, prosperity, and commercial relations of peoples and nations.

XVI. BOTANY.

1. General Morphology and Principles of Classification. *Open to all undergraduates. Freshmen four hours per week for a year. All other students three hours per week for a year.*

Professor Hallowell, Associate Professor Cummings, Associate Professor Cooley.

Exercises in Elementary Vegetable Physiology. A herbarium of fifty species is required.

2. Cryptogamic Botany. *Open to students who have completed course 1. Three hours per week for a year.*

Associate Professor Cummings.

Study of types of all the more important groups of flowerless plants, preceded by a brief course in elementary Vegetable Histology.

3. Systematic Botany (advanced work) and Economic Botany. *Open to students who have completed course 1. Three hours per week for a year.*

Associate Professor Cooley.

This course includes special study of the more difficult orders of flowering plants, with mosses and ferns; determination of dried specimens; report upon the flora of some assigned locality; and investigation of the useful products of plants. A paper is required on some important order not studied in class, illustrated by specimens collected in the vicinity.

*4. Medical Botany. *Open to students who have completed courses 1 and 2. Three hours per week for a year.*

Associate Professor Cooley.

Microscopical examination of the typical and important roots, rhizomes, stems, leaves, barks, and fruits of the Pharmacopœia.

This course is intended to give familiarity with the botanical characters of the more common medicinal plants, thus aiding in the identification of the crude drugs derived from them, and in the detection of adulterations. The active principles of such drugs, and peculiar modes of action, are also investigated.

5. Vegetable Histology and Physiology; Microscopy. *Open to students who have completed courses 1 and 2. Three hours per week for a year.*

Professor Hallowell.

Cell structure and the study of tissues; practical experiments and original investigations. Twenty-five mounted slides are required.

A knowledge of the elements of Physics and Chemistry is very desirable for this course.

†6. Plant Biology. *Open to students who have completed courses 1 and 2. Three hours per week for a year.*

Associate Professor Cooley.

Gross anatomy, histology, and physiology of a series of plants, considered as types, proceeding from the simpler to the more complex organisms. Special attention will be given to tracing the development of organs and the evolution of forms.

*7. Embryology and other special topics. *Open to students who have completed courses 1, 2, and 5. Three hours per week for a year.*

Professor Hallowell.

This course is to be pursued with a view to original research and a thorough acquaintance with the literature of the subject.

*8. Advanced Cryptogamic Botany. Systematic study of any chosen group or groups of Cryptogams. *Open to students who have completed courses 1 and 2. Three hours per week for a year.*

Associate Professor Cummings.

* Not offered in 1899–1900.

† Withdrawn for the current year.

†9. Trees and Forestry. *Open to students who have completed course 1. Two hours per week for a year.*

Professor Hallowell.

A study of the anatomy and physiology of trees, their products and uses, their relations to climate. Protection of woodlands and forest regulations.

Candidates for courses 7 and 8 should have a good reading knowledge of French and German.

The instruction in all courses of the Botany Department is given through practical work in the laboratory, accompanied by explanatory lectures. Three appointments per week, one hour and a half each.

Students sketch all the objects studied.

Instructors and students meet statedly for the discussion of recent discoveries in botanical science.

XVII. ZOOLOGY AND PHYSIOLOGY.

1. General Biology. *Open to freshmen and sophomores. Freshmen four hours, all other students three hours per week for a year.*

Miss Hubbard.

In this course emphasis is laid on the fundamental unity of plants and animals. The general principles underlying all life are studied by means of field work, laboratory work, and lectures. A study is made of a typical animal, the frog, and also of a typical plant, the bean, in order to compare the morphology and physiology of the two kingdoms. Development is studied in the life history of the frog. A brief comparative study is made of lowly plants and animals.

This course is intended to train students in accuracy of observation and in methods of scientific work.

2. General Zoology. *Open to sophomores, juniors and seniors. Three hours per week for a year.*

Professor Willcox.

Comparative study of all the great groups (types) of animals, beginning with unicellular organisms and concluding with mammals. Also a brief study of the embryology of a vertebrate.

This course aims to present the outlines of animal structure and classification, and to give familiarity with the commoner forms.

Courses 1 and 2 together will meet the admission requirement in biology of the Johns Hopkins Medical School.

3. Anatomy of the Cat. *Open to students who have completed course 1 or course 2. Three hours per week for the first semester.*

Miss Bowers.

This course is intended to train students in careful dissection. It is especially fitted for those who intend to study medicine. Constant reference will be made to human anatomy, and a lightening of the ordinary course in that subject in a medical school can be effected by taking this work.

† Withdrawn for the current year.

4. Embryology of the Chick. *Open to students who have completed course 1. Three hours per week for the second semester.*

Miss Bowers.

This course, by a thorough study of the development of the chick, introduces the student to the general principles of embryology. Training is given in the mounting of embryos and in the preparation of serial sections.

*5. Systematic Zoology. *Open to students who have completed course 1 or course 2. Three hours per week for a year.*

Mr. Morse.

Classification of animals; study of habits; readings in natural history; excursions to neighboring museums.

†6. Philosophical Zoology. *Open under the advice of the professor, to students who have completed course 2. Three hours per week for a year.*

Professor Willcox.

Readings and discussions of Darwin, Spencer, Wallace, Weismann, and kindred authors. One careful paper on a biological subject prepared by each student.

9. Animal Histology and Histological Technique. *Open to students who have completed course 1 or course 2. Three hours per week for a year.*

Miss Ballantyne.

Lectures on cellular histology and physiology. Laboratory work, including study of prepared specimens and methods of histological preparation. Student lectures. A small piece of individual investigation is required of each student.

The first semester of this course may, with the advice of the department, be taken independently, or combined with course 4 instead of with the second half of course 9.

10. Animal Physiology. *Open to juniors and seniors who have completed course 1 or course 2. Three hours per week, also three laboratory appointments per week for a year.*

Miss Ballantyne.

Lectures and Laboratory work dealing with experimental and theoretical questions in physiology, such as the structure and action of muscle, nerves, blood vessels, the heart, blood, the formation and action of digestive juices, excretion, metabolism, the special sense organs, the brain, etc. Each student arranges and uses the apparatus necessary for almost all experiments; but some of the more difficult are performed by the instructor, assisted in turn by the different members of the class.

Apparatus needed by students in this department. Microscopes, reagents, etc., are provided by the College. Certain dissecting instruments may be rented from the college, others must be provided by the students.

The instruction in all courses of the Zoology department except 6, is given through practical work in the laboratory, accompanied by lectures. Three appointments per week, one hour and a half each. Course 6 requires no laboratory work, and three appointments are forty-five minutes each.

* Not offered in 1899–1900.

† Withdrawn for the current year.

HYGIENE.

1. Physiology and Hygiene. *Required of freshmen. One hour per week for a year.*

Miss Sherrard.

Lectures, demonstrations, and quizzes.

The subject presented is the proper care of the body and the course is designed to give a practical knowledge of its structure and an understanding of the laws of life and health. An outline is also given of the general principles of public hygiene.

XVIII. DEPARTMENT OF PEDAGOGY.

1. Science of Education. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Carlisle.

This course attempts to set forth the principles of education and the facts upon which they are based. It includes a study of the child and treats of the psychological basis of education.

2. History of Education. Educational Theories. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Carlisle.

This course aims to give a general view of the great movements in education, to show its development as an institution, and to detail the characteristic features of its accepted systems.

XIX. BIBLIOGRAPHY.

1. Bibliography. *Open to sophomores, juniors, and seniors. One hour per week for a year.*

Miss Godfrey.

This course aims to familiarize the student with the best bibliographical works and with library methods and catalogues; to teach the best methods of reaching the literature of a special subject, and to furnish important bibliographical lists likely to prove valuable in future study. It will prove especially helpful taken in connection with courses in English literature, philosophy, history, economics, and the history of art.

XX. ELOCUTION.

1. Training of the Body and Voice. *Open to sophomores, juniors, and seniors, to freshmen by special permission. Two hours per week for a year.*

Miss Bennett.

Body; poise and bearing. Voice; correct method of breathing, etc. Reading with special reference to a good use of the voice. Recitations.

2. Training of the Body and Voice. Expression. *Open to students who have completed course 1, or an equivalent course. Two hours per week for a year.*

Miss Bennett.

Voice culture; exercises for freedom of body; gesture; recitations from the best authors; reading at sight.

3. Reading of Shakespeare. *Open to students who have completed courses 1 or 2, and who have completed, or are taking English Literature 9; to others at the discretion of the instructor. Two hours per week for a year.*

Miss Bennett.

Analysis of characters, reading, scenes selected for memorizing.

XXI. ART.

*‡1. History of Architecture. From the earliest times to the year 1000 A.D. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Mr. Holt.

2. Outline History of Greek Sculpture. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Mr. von Mach.

3. History of Italian Painting through the Fifteenth Century. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Keyes.

In this course the development of Italian painting will be traced, together with the characteristics and relations of the different schools, and critical study will be given to the position and quality of certain great artists. This will include early mural decorations; the Siennese School; the Florentine School through Botticelli; Perugino, and Mantegna.

5. Studio Practice. *Required of all students taking a first course in the History of Art, except those who are taking Art 4. One hour per week for a year.*

Professor Brown, Mr. Woodbury.

This course consists of drawing and sketching, with reference to the laboratory work in History of Art, and must be taken in three consecutive periods.

5a. Studio Practice. *Open by permission of the instructor to students who have completed Art 5 and who are at the same time taking a course in the History of Art. One hour per week for a year.*

Professor Brown, Mr. Woodbury.

Conduct of the course same as that of 5.

* Not offered in 1899–1900.

‡ Courses 1 and 9 are alternate courses; they will not both be given the same year.

†6. Theory and Practice. *Open, by permission of the instructor, to students who have completed a course in Art. Three hours per week for a year.*

Professor Brown.

Students in this course will be expected to attend certain exhibitions, and to understand and analyze different methods of work,— both by practice and observation. There will be informal lectures on Art matters, modern masters and schools of painting. The aim of the course is to bring the students in touch with the art life of the time.

7. History of Greek Sculpture. Seminary. *Open, by permission of the instructor, to students who have a knowledge of German or French. Three hours per week for a year.*

Mr. von Mach.

In this course one limited period of Greek Sculpture will be carefully studied. A part of the work will be carried on in the Museum of Fine Arts in Boston.

8. Italian Painting. Seminary. *Open to students who have taken Art 3, and to others on permission of the instructor. Three hours per week for a year.*

Miss Keyes.

The aim of this course is to study a given epoch in detail and to train students in independent work. The subject in 1899–1900 is Titian, his environment, technical methods, and influence upon other artists. Close analysis of one work is made.

‡9. Architecture from the year 1000 A.D. to the present time. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Mr. Holt.

The aim of this course is to give a general view of the development of styles and a thorough understanding of their essential elements, both constructive and decorative, during the period studied.

First semester. Introduction to the subject, and history of architecture during the Romanesque and Gothic periods, from 1000 A. D. to the Renaissance.

Second semester. Architecture from the beginning of the Renaissance to the present time.

4. Greek Mythology as Illustrated in Ancient Art. *Open to students who have completed course 2, or two full courses in Greek, and to others upon consultation. One hour per week for the year.*

Dr. Walton.

All students in art courses (except in Art 4) are required to give one hour weekly throughout the year to laboratory work, examining, comparing, and sketching from the photographs used in illustration. Previous preparation in drawing is not required, but it is desirable that all students who intend to take courses in Art should be prepared to present specimens of any drawing that they may have done. All laboratory work is under the immediate supervision of Professor Brown. The art library and art laboratories are open to students from 9 to 5.30 daily, and from 7 to 9 in the evening.

† Withdrawn for the current year.

XXII. MUSIC.

I. THEORY.

The following courses count toward the bachelor's degree. They may be elected by students not taking instrumental or vocal music and are subject to no separate tuition fee.

1. Elementary Harmony. *Open to sophomores, juniors, and seniors who can read and play simple four part music. Three hours per week for a year.* Mrs. Stovall.

The object of this course is to give the student a knowledge of intervals, chords, their relations and progressions. The work is conducted upon the contrapuntal principle in order to give some knowledge also of the laws which govern melody. To evolve out of simple harmonic (or chord) conditions the greatest possible degree of melody is the end constantly in view. In addition to the written work students are required to play chord progressions, and also to recognize them when heard.

2. Advanced Harmony. *Open to students who have completed course 2. Three hours per week for a year.*

Mrs. Stovall.

In this course the student is expected to make practical application of harmonic material in original phrases and periods. Modulation and inharmonic tones are thoroughly treated. Given basses used as *canti firmi* are to be supplied with one, two, and three additional melodious parts. Instrumental as well as vocal styles are studied.

†4. Musical Form. *Open, by permission of the instructor, to students who have completed course 2. Three hours per week for a year.*

Mrs. Stovall.

The analytic and synthetic study of form.

5. History of Music. *Open to sophomores, juniors, and seniors who can read and play music of ordinary difficulty. Two hours per week for a year.*

Mrs. Stovall.

Lectures, reading, discussions.

This course attempts to give a general survey of the subject. Emphasis is given, however, to modern music,— to the great art forms and the composers who have developed them. Students are referred in their reading to both music and musical literature.

†3. Ear Training and Choral Practice. *Open to all students on approval of the instructors. One hour per week for a year.*

Mrs. Stovall, Mr. Rotoli.

This course combines the rudiments of musical construction with systematic ear training. It aims to give a substantial foundation for further work and to enable the student to listen to music with intelligent interest and genuine profit. One hour is given to choral practice, under the direction of Mr. Rotoli; the work in ear training is under the direction of Mrs. Stovall.

† Withdrawn for the current year.

II. INSTRUMENTAL AND VOCAL MUSIC.

Training in instrumental or vocal music does not count toward a degree; but any student who completes the prescribed courses in Piano, Organ, or Voice, as described on the following page, will receive the certificate of the department of Music. For terms see p. 18.

Candidates for the certificate of the department of Music may devote all their time to music, except that which is given to three academic studies, including a course in Biblical History and Literature. Candidates for admission must meet requirements I., II., III., pp. 24–26, and must also present the maximum preparation in either Latin, Greek, French, or German. The time occupied in study for a certificate depends upon the proficiency of the pupil, but in general four years are needed.

Candidates for the B. A. degree may take a course in vocal or instrumental music in connection with their regular academic work, but in this case five years are required for the completion of the courses requisite to the degree.

Special students may arrange for courses combining greater or less amounts of music and academic work.

Those who are suitably qualified may pursue musical studies exclusively, without being otherwise connected with the College. For such students special arrangements may be made.

Certificate of the Department of Music.

Any student in the College who completes any one of the following courses of study will receive the certificate of the Department of Music.

A. Piano: two lessons a week, with periods of practice daily for five days each week.

Academic subjects: from six to eight hours a week throughout the course, including Musical Theory (courses 1, 2, and 5), modern language, and Biblical History and Literature.

B. Organ: two lessons a week with daily practice, as in piano study. Academic subjects as in *A*.

C. Voice: two lessons a week with daily practice. Academic subjects as in *A*, but the modern languages pursued must include Italian, which should be taken as early as possible, that the student may have the benefit of the subject throughout the course.

Violin, Viola, Violoncello, Harp, or any orchestral instrument may be made a specialty instead of the above-mentioned principal studies.

☞ Students intending to apply for the certificate of the department of music must give at least a year's notice. Voice and organ students are not obliged to spend the required four periods upon their specialty alone, but may combine with that some other branch of music.

PIANO.

Those who make piano their specialty, and wish to obtain a certificate, should, upon entering, be familiar with correct phrasing, staccato and legato touch, the ordinary musical signs, *and their application;* should show technical proficiency, and should present the following work or its equivalent: Czerny, Op. 299, three books; Loeschhorn, Op. 66, three books; Bach, Preludes; and two or three sonatas by Haydn and Mozart.

The course will be adapted to the particular needs of the student, but will be so arranged that the student upon its completion shall have a fundamental knowledge of the best works in pianoforte literature: Bach, Händel, Mozart, Haydn, Beethoven, Schubert, Schumann, Weber, Mendelssohn, and Chopin, as well as the different schools of modern writers.

Attention will also be given to four-hand playing and, for those who are sufficiently advanced, to playing with other instruments.

ORGAN.

A satisfactory knowledge of pianoforte technique is a prerequisite to the study of the organ.

The course consists of systematic drill in organ technique, special exercises in playing church music, and careful study of works by the best composers, representing the different schools of organ music.

A shorter course may be arranged for students desiring to limit themselves to the work of a church organist.

NEEDS OF THE COLLEGE.

Wellesley College, established by private benevolence, entered upon its work with a costly material equipment but with no endowment in money. It is to-day practically dependent upon its board and tuition fees for running expenses and for repairs; it has almost no other resources with which to make the additions to apparatus and to buildings that are demanded by the constant advance and expansion of its academic work.

The original munificent outlay has been amply justified by results. From Wellesley have been graduated some eighteen hundred young women, who have carried the fruits of their college training into the

schools and households of their country, and into benevolent and Christian work at home and abroad. It is believed that the College has reached a position from which it can with full confidence appeal for aid to the public at large.

Among the urgent needs of the College are the following : —

1. Unrestricted funds for defraying general expenses.
2. A library building.
3. An additional laboratory building.
4. A gymnasium building.
5. The endowment of the presidency and professorships.
6. The further equipment of the Department of Art, with casts, pictures, engravings, and models.

FORMS OF BEQUEST.

I give and bequeath to Wellesley College, a corporation established by law, in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of ——— dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think will be most useful.

I give and bequeath to Wellesley College, a corporation established by law, in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of ——— dollars, to be safely invested by it, and called the ——— Scholarship Fund. The interest of this fund shall be applied to aid deserving students in Wellesley College.

I give and bequeath to Wellesley College, a corporation established by law in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of ——— dollars, to be safely invested by it, and called the ——— Endowment Fund. The interest shall be applied to the payment of the salaries of teachers in Wellesley College, as the Trustees shall deem expedient.

SUMMARY OF STUDENTS, SEPTEMBER, 1899.

Resident candidates for the M.A. degree		26
Candidates for the B.A. degree: —		
Seniors	134	
Juniors	121	
Sophomores	172	
Freshmen	221	
		648
Non-candidates for degrees		14
Total registration, September, 1899		688

United States: —		Oregon	4
Massachusetts	211	California	4
New York	77	Colorado	4
Pennsylvania	58	Nebraska	3
New Jersey	45	Tennessee	3
Connecticut	44	South Dakota	3
Illinois	34	North Dakota	2
Ohio	27	Delaware	2
Maine	25	Florida	2
New Hampshire	19	Virginia	1
Iowa	16	North Carolina	1
Minnesota	11	Georgia	1
Missouri	11	Maryland	1
Wisconsin	13	Wyoming	1
Rhode Island	9	Mississippi	1
District of Columbia	8	Utah	1
Michigan	8	Hawaiian Islands	2
Indiana	8	Canada	2
Kentucky	6	Turkey	1
Texas	5		
Kansas	5		688

Degrees Conferred in 1899.

MASTER OF ARTS.

Fannie Theodora Brown (Wellesley, '88), Round Lake, N. Y. *Subject: German.*
Mary Katharine Conyngton (Wellesley, '94), Providence, R. I. *Subject: History.*

BACHELOR OF ARTS.

Grace Allerton Andrews, Wellesley, Mass.
Louise Edgell Baldwin, Brooklyn, N. Y.
Mary Louise Barker, Pottsville, Pa.
Annie Leonora Barr, Belfast. Me.
Louise Livingston Beach, Newark, N. J.
Elizabeth Francis Bennett, Lowell, Mass.
Mabel Lovett Bishop, Avon, Conn.
Mary Campbell Bliss, Newburyport, Mass.
Margaretta Macklin Boas, Colorado Springs, Col.
Sarah Helen Bogart, New York, N. Y.
Alexina Galt Booth, Louisville, Ky.
Florence Curtis Breed, Boston, Mass.
Lucie Claflen Briggs, Pawtucket, R. I.
Clara Wyckoff Brown, Jacksonville, Ill.
Emilie Grace Bull, Newburgh, N. Y.
Maud Burroughs, Somerville, Mass.
Leah Mary Burt, Providence, R. I.
Helen Mary Burton, La Crosse, Wis.
Helen May Cady, Mansfield, Mass.
Alice Etta Chandler, Madura, South India
Bertha Elizabeth Church, Lawrence, Mass.
Jennie Mae Clark, Rochester, N. Y.
Mary Louise Clark, Copenhagen, N. Y.
Maude Williston Clark, Auburndale, Mass.
Mary Franklin Clarke, Webster, Mass.
Ethel Mary Cobb, Decatur, Ill.
Claire Martha Coburn, Worcester, Mass.
Grace Louise Cook, Wellesley, Mass.
Minnie Louise Coolidge, Newton, Mass.
Mary Ellen Coonley, Port Richmond, N. Y.
Leanora Howard Copeland, Marlborough, Mass.
Frances May Dadmun, Marlborough, Mass.
Emma Carolyn Daggett, Somerville, Mass.
Helen Howard Davis, New Haven, Conn.
Juliette Hart Derrin, Auburndale, Mass.
Vera Francina Douglas, New York, N. Y.
Helen Juliettr Durgin, Bradford, Mass.
Florence Favour, Rochester, N. Y.
Franc Estelle Foote, Rochester, N. Y.
Maynard Force, Minneapolis, Minn.
Grace Allen Frazee, Newark, N. J.
Grace Preston French, Lexington, Mass.
Mary Barnett Gilson, Pittsburgh, Pa.
Ella Weld Green, Jamestown, N. Y.
Martha Townsend Griswold, Jamestown, N. Y.
Edith Emmeline Herbert, Denver, Colo.
Mary Seaver Hewett, Bridgewater, Mass.
Julia Annie Hill, Somerville, Mass.
Nettie Isabel Hill, Indian Orchard, Mass.
Elizabeth Hitchcock, Towanda, Pa.
Dorothy Stebbins Holland, Wellesley, Mass.
Ethel Daniels Hubbard, Wellesley, Mass.
Eva Ellen Jackson, Manchester, N. H.
Katharine Scovell Jones, St. Louis, Mo.
Annie Louise Judd, Holyoke, Mass.
Florence Kellogg, Pittsfield, Mass.
Bernice Oliver Kelly, Lebanon, Ky.
Mary Harriet Killpartrick, Lowell, Mass.
Anna Patterson King, New Castle, Pa.
Alice May Kirkpatrick. Boston, Mass.
Eleanor May Laird, Pittsburgh, Pa.
Mary Lauderbach, Hazleton. Pa.
Mabel Ella Leonard, Albany, N. Y.
Emma Mary Lietman, Allegheny, Pa.
Blanche Adeline Lincoln, Hingham, Mass.
Lilian Haskell Lincoln, Hingham, Mass.
Lydia Nason Lynch, Dorchester, Mass.
Maud Emilie McClary, Malone, N. Y.
Agnes Louise McFarland, Austin, Ill.
Frances Belle Mason, Boone. Ia.
Josephine Martha Merrill, Brownville, Me.
Margaret Bell Merrill, St. Johnsbury, Vt.
Mary Zahm Miller, Harrisburg, Pa.
Edith Mooar, Columbus, O.
Ethel Maria Moody, East Northfield, Mass.
Emma Mabel Moore, Gardiner, Me.
Rebecca Deming Moore, Calais, Me.
Mary Stowe Neal. Port Huron, Mich.
Mary Louise Newhall, Fairfield, Me.
Jessie Carver Nickerson, Searsport, Me.
Ethel Sturdivant Norton, Portland, Me.
Joanna Blessing Oliver, Onawa, Ia.
Louise Taft Orton, Columbus, O.
Clara Augusta Palmer, Cornville, Me.
Gertrude Pearce, Wilkes-Barre, Pa.
Grace Phemister, West Medford, Mass.
Mary Lucy Pierce, Newton, N. J.
Caroline Johnson Porter, Concord, N. H.
Marian Thompson Pratt, Reading, Mass.
Adeline Putnam, West Newton, Mass.
Georgia Gertrude Ralph, Allegheny, Pa.
Katharine Bell Read, Roxbury, Mass.
Alice Mason Reeve, Camden, N. J.
Lucile Carol Reynolds, Lowell, Mass.
Olive Rosencranz, Evansville, Ind.
Edna May Sanderson, Fort Plain, N. Y.
Louise Page Sears, Danvers, Mass.
Alma Seipp, Chicago, Ill.
Nellie Adele Shaw, Greenville, Me.
Elsie Maude Sites, Foochow, China.
Flora Atkins Skinner, Westfield, N. Y.
Jane Tullia Smith, Jackson, La.
Agatha Jean Sonna, Boise, Ida.

Lydia Southard, Griggstown, N. J.
Margaret Vivia Spear, Lowell, Mass.
Mary Spink, Providence, R. I.
Rosie Gardner Squier, Monson, Mass.
Elsie Langdon Stern, Buffalo, N. Y.
Grace Stockman, Saco, Me.
Florence Helen Stone, Taunton, Mass.
Louise Sophronia Stratton, Fitchburg, Mass.
Louise Martha Sturtevant, Somerville, Mass.
Grace Watson Sutherland, Cohoes, N. Y.
Donna Izola Talcott, Woonsocket, R. I.
Edith Malcolm Tewksbury, Lynn, Mass.
Miriam Agnes Thayer, Westboro, Mass.
Bessie Burr Thomas, Brockton, Mass.
Kate Watkins Tibbals, Marlboro-on-Hudson, N. Y.
Agnes Margarethe Torrison, Manitowoc, Wis.
Mabel Frances Tower, Albany, N. Y.
Lois Alice Upham, Arlington, Mass.
Helena Corinne Wagner, Water Valley, Miss.
Edna Waldron, Camden, Me.
Mary Josephine Weston, Boone, Ia.
Bertha Coolidge Wetherbee, Detroit, Mich.
Marion Shakespeare Whitehouse, Pottsville, Pa.
Lora Buckman Winn, Winchester, Mass.
Anna Estelle Wolfson, Kansas City, Mo.
Mabel Wood, Portland, Me.
Clara Frances Woodbury, Empire City, Nev.
Faith Louise Young, Blue Island, Ill.

OFFICERS OF THE ALUMNÆ ASSOCIATION.

Mrs. John E. Tuttle, *President*,
11 Linden St., Worcester, Mass.

Mrs. Henry J. Gross, *Vice-President*,
23 May St., Worcester, Mass.

Miss Harriet Russell Pierce, *Corresponding Secretary*,
20 Bowdoin St., Worcester, Mass.

Miss Martha F. Goddard, *Recording Secretary*.
34 Shattuck St., Worcester, Mass.

Miss Alice Goddard Pierce, *Treasurer*,
121 Pleasant St., Worcester, Mass.

LOCAL ASSOCIATIONS.

Boston Wellesley College Club,
Miss Isabella Rowe Fiske, *Secretary*, Wellesley Hills, Mass.

Cleveland Wellesley Club,
Miss Clara A. Sizer, *Secretary and Treasurer*, 1424 Euclid Ave., Cleveland, O.

Colorado Wellesley Club,
Miss Helen L. Atkins, *Secretary*, 625 East Colfax Ave., Denver, Col.

Eastern New York Wellesley Club,
Miss Florence L. Ellery, *Secretary*, 80 Grand St., Albany, N. Y.

Maine Wellesley Association,
Miss Mary E. Potter, *Secretary*, Brunswick, Me.

Rochester Wellesley Club,
Mrs. James Sherman, *Secretary*, 507 North St., Rochester, N. Y.

Southern California Wellesley Club,
Miss Louise Pinney, *Secretary*, 1355 Carroll Ave., Los Angeles, Cal.

St. Louis Wellesley Association,
Miss Lilian Graves, Webster Groves, St. Louis Co., Mo.

The Buffalo Wellesley Club,
Miss Mary Jauch, *Secretary*, 205 East Utica St., Buffalo, N. Y.

The Chicago Wellesley Club,
Mrs. Louis Thexton, *Secretary*, 1044 W. Monroe St., Chicago, Ill.

The Connecticut Valley Wellesley Club,
Miss Clara D. Capron, *Secretary*, 41 Willard St., Hartford, Conn.

The New York Wellesley Club,
Miss Grace Andrews, *Secretary*, 125 E. 57th St., New York City.

The Northfield Wellesley Club,
Miss Anna Theodora Skidmore, *Secretary*, Northfield Seminary, East Northfield, Mass.

The Washington Wellesley Association,
Miss Isabella Campbell, *Secretary*, 1741 N St., Washington, D. C.

Wellesley Club of Philadelphia,
Miss Anna Palen, *President*, 127 Harvey St., Germantown, Pa.

Wellesley Club of San Francisco,
Miss Charlotte Anita Whitney, *Secretary*, 576 8th St., Oakland, Cal.

Worcester Wellesley Club,
Miss Annie May Henderson, *Secretary*, 1344 Main St., Worcester, Mass.

(All Wellesley Clubs and Organizations are requested to send the above points annually, for publication in the Calendar.)

INDEX.

Academic Year 2
Admission: —
To Advanced Standing 30
On Certificate 23
To Department of Music 70
On Examination 22
To Freshman Class 21
Of Special Students 30
Alumnæ Association, Officers of 77
American School of Classical Studies at Athens 33
American School of Classical Studies at Rome 33
Anglo-Saxon 46, 50
Art 67
Art Collections 14
Astronomy 59, 62
Bequest, Forms of 73
Bible History, Literature, and Interpretation 47
Bibliography 66
Board 19
Botany 62
Calendar 2
Certification, Right of 24
Certificates: —
For Admission 23
For Advanced Standing 30
Granted in 1899 75
In Music 70
For Special Students 30
Chemistry 59
Committees of Trustees: —
Executive 4
Finance 4
Committees of Faculty 12
Concerts, Public 16
Courses of Instruction 34
Degrees: —
B. A., Requirements for 31
M. A., Requirements for 32
Degrees Conferred in 1899 . . . 75
Economics 56
Elocution 66
English 45
English Literature 48
Examinations: —
College 31
Entrance 22
Expenses 18
Faculty 5
Farnsworth Art Building . . . 14
French 41
Geology 62
German 37
Gothic 46
Graduate Instruction 32
Greek 34
Gymnasium 17
Harmony and Musical Theory . . 69
Health Provisions 17
Hebrew 47
History 54
Hygiene 66
Italian 44
Laboratories 15
Latin 36
Lectures, Public 16
Libraries 13
Logic 53, 59
Marine Biological Laboratory at Woods Holl 34
Mathematics, Apppied 58
Mathematics, Pure 57
Meteorology 61
Mineralogy 62
Music: —
Theory of 69
Instrumental and Vocal 70
Music Hall 14
Needs of College 71
Observatory 15
Pedagogy 66
Philology 46
Philosophy 51
Physics 61
Physical Training 17
Physiology 65, 66
Political Science 56
Residence 17
Romance Languages 41
Sanscrit 46
Scholarships: —
For Graduates 19
For Undergraduates 19
Scientific Collections 15
Spanish 44
Special Students 30
Students' Aid Society 21
Studentships, Non-Resident . . . 33
Summary of Students 74
Trustees, Board of 3
Tuition 18
Vacations 2
Wellesley Clubs 77
Zoology 64
Zoological Station at Naples . . 34

Pam.
Wellesley College
Calendar '99-00

W.C.
'99-00